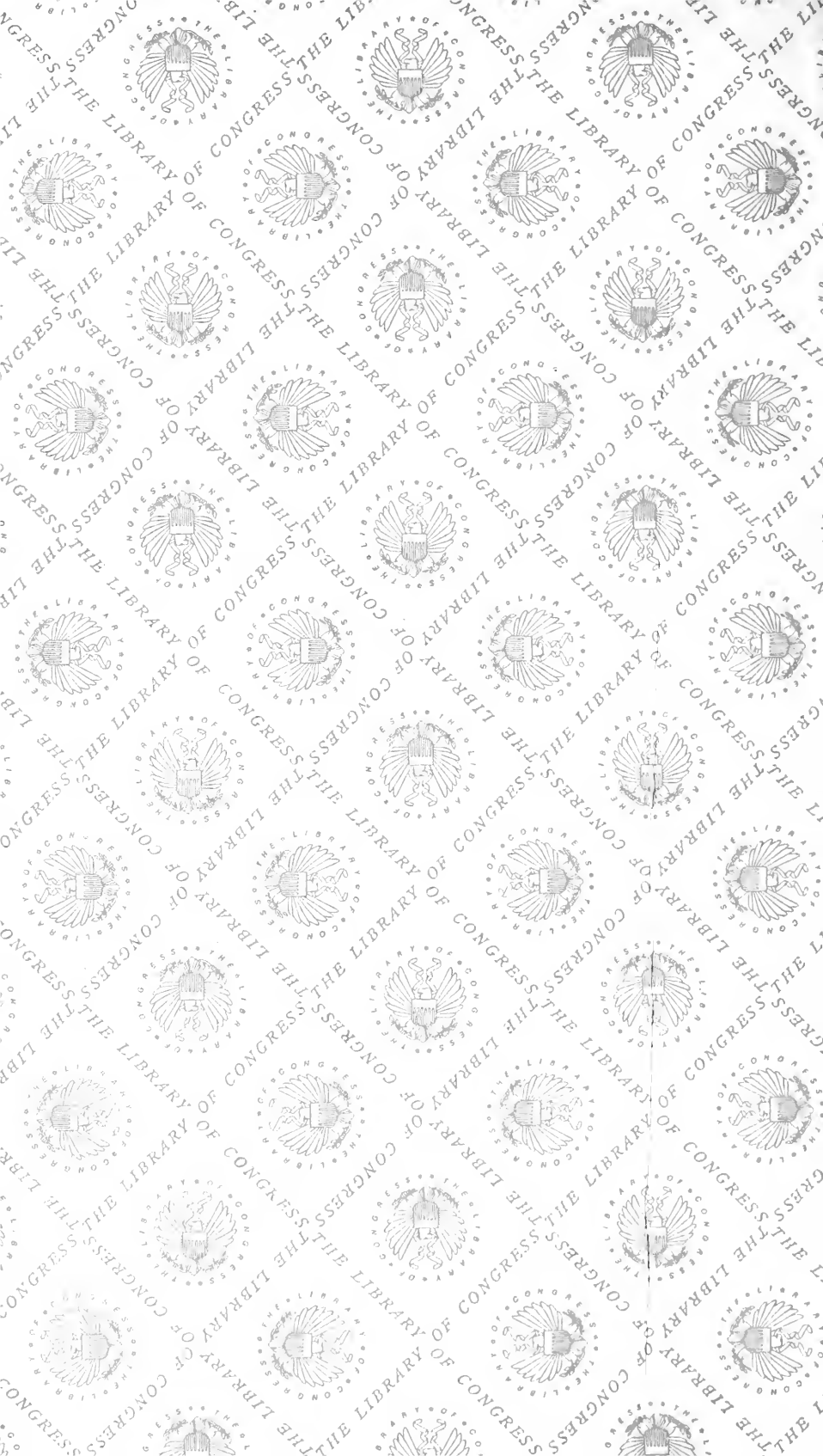
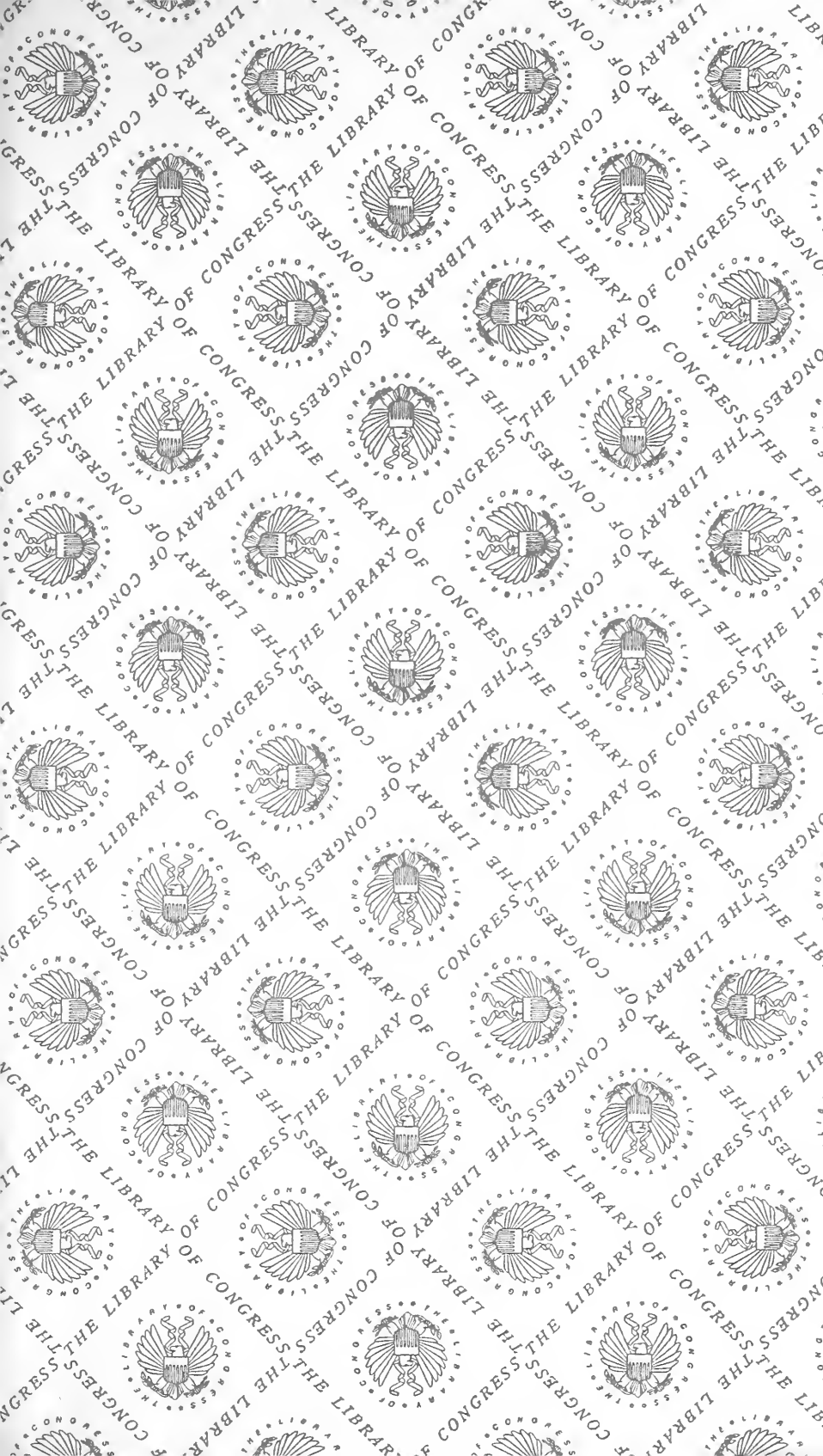
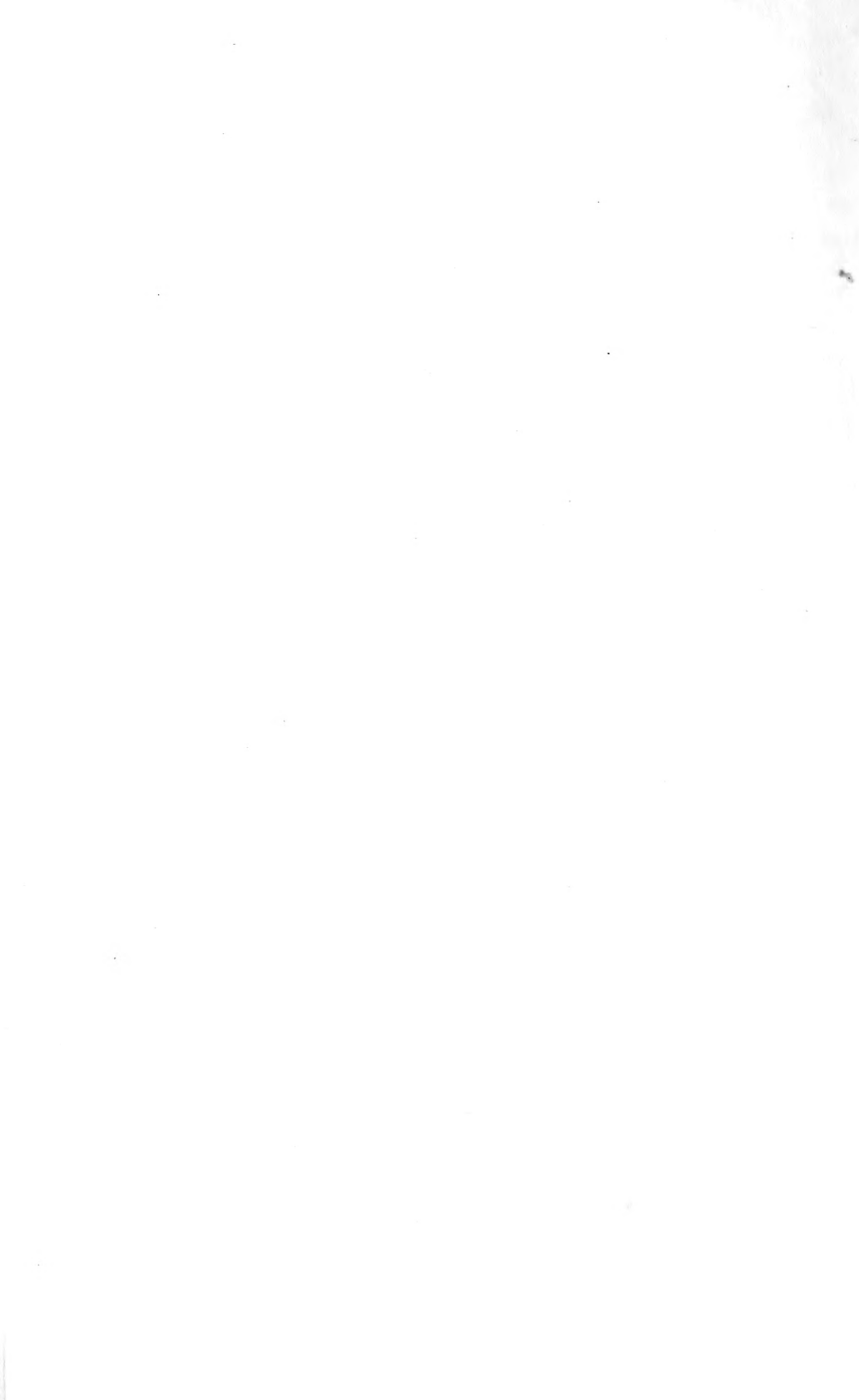


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SIXTEENTH EDITION, REVISED TO DATE OF PURCHASE.

THE IRON AGE

Standard Hardware Lists

FOR

Pocket, Desk and Price Book Use.

COMPILED BY R. R. WILLIAMS,
HARDWARE EDITOR OF THE IRON AGE.

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by
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THE FOLLOWING Lists are intended for office use or to be cut out and inserted in price books. For this purpose they are printed on only one side of the paper. They have been prepared with a special view to compactness of arrangement and convenience of reference.

The Lists should be closely trimmed before insertion in the price book. In some cases, where the List covers a wider range of goods than the merchant is interested in, its size may be reduced by cutting off the superfluous part.

Information in regard to changes in these Lists will be given in The Iron Age.



232-238 William St.

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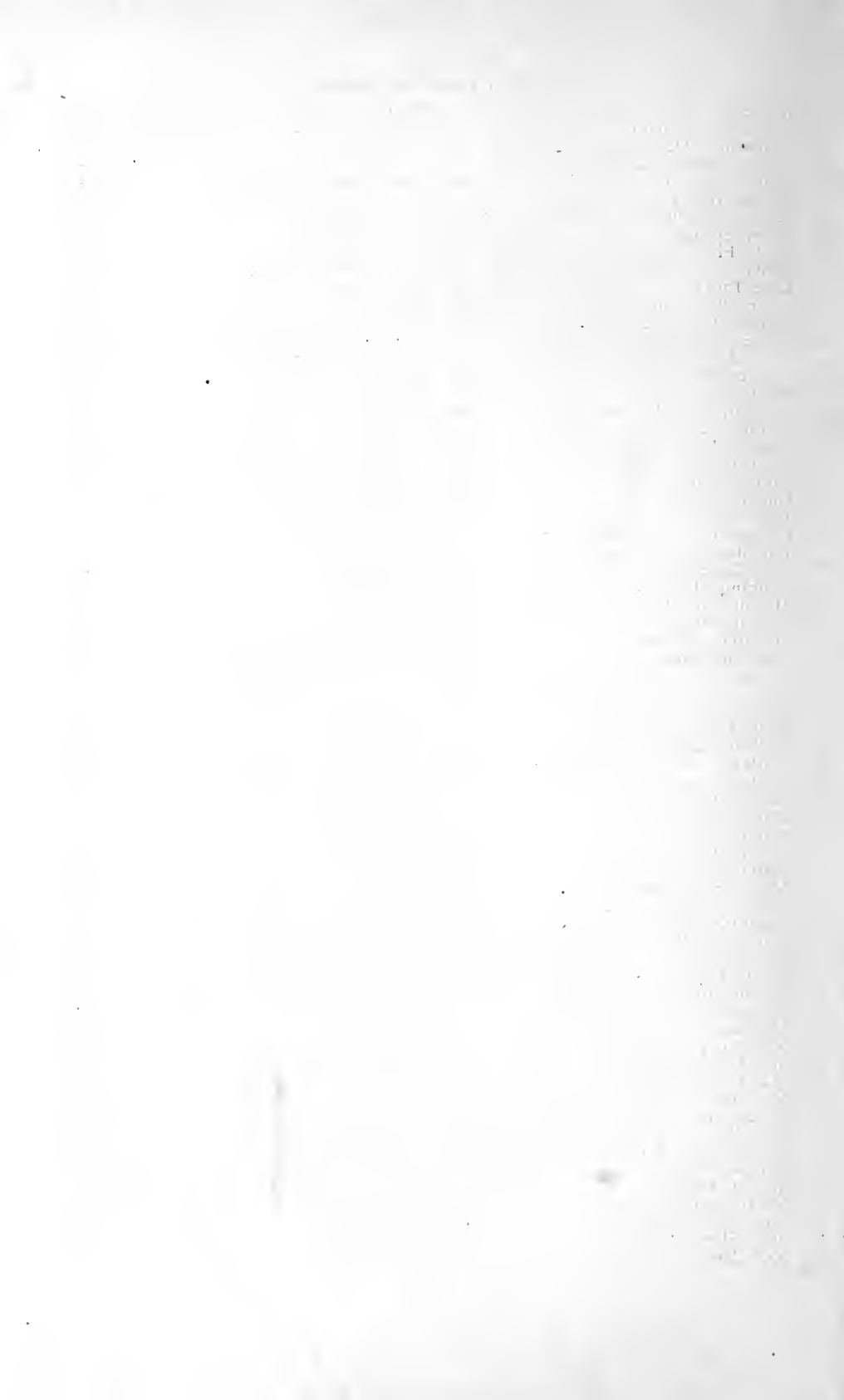
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Auger Bits.

<i>Sixteenths</i>	3	4	5	6	7	8	9	10	11	12
Common Double Spur....	\$1.00	3.50	3.50	3.75	3.75	4.00	4.25	4.50	5.00	5.50
Jennings' Pattern.....	3.40	3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10	6.60

	13	14	15	16	17	18	20	22	24	
Common Double Spur....	\$6.00	6.50	7.25	8.00	9.00	10.00	11.00	12.00	14.00	.....
Jennings' Pattern.....	7.20	7.80	8.40	9.00	9.60	10.20	11.40	12.60	13.80	.....

Auger Bits in Sets.

<i>Quarters</i>	18	24	32½
Double Spur, assorted	\$3.25	4.25	5.75
Jennings, assorted.....	3.60	4.75	6.25

Augers.

List June 25, 1896.
Price per dozen.

	Inch....	¼	¾	1	1½	2	2½	3	3½	4
Nut.....	\$	10.00	6.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
Boring Machine		10.00	6.00	10.00	10.00	10.00	10.00	10.00	10.00	14.00

	Inch ...	1⅜	1½	1⅝	1¾	2	2¼
Nut.....	\$	15.00	15.00	18.00	18.00	22.00	40.00
Boring Machine.....		16.00	17.00	...	20.00	21.00	40.00

	Inch....	2½	2¾	3	3¼	3½	3¾	4
Nut	\$	50.00	60.00	70.00	80.00	90.00	100.00	120.00
Boring Machine.....		50.00	60.00	70.00	80.00	90.00	100.00	120.00

Boring Machine Augers in Sets.

Quarters.....	18	23	41
Per set.....	\$4.50	5.50	10.25

Ship Augers.

List Jan. 1, 1901
Per Doz.

<i>Eighths.</i>	With or Without Screws.	With Rings.	<i>Eighths.</i>	With or Without Screws.	With Rings.
4-8 and under.	\$7.50	\$8.25	16½ and 17-8	\$57.00	\$62.70
4½ " 5-8	9.00	9.90	17½ " 18-8	72.00	79.20
5½ " 6-8	10.50	11.55	18½ " 19-8	86.00	94.60
6½ " 7-8	12.00	13.20	19½ " 20-8	101.00	111.10
7½ " 8-8	13.50	14.85	20½ " 21-8	115.00	126.50
8½ " 9-8	15.00	16.50	21½ " 22-8	130.00	143.00
9½ " 10-8	16.50	18.15	22½ " 23-8	144.00	158.40
10½ " 11-8	18.00	19.80	23½ " 24-8	158.00	173.80
11½ " 12-8	21.00	23.10	25½ " 26-8	187.00	---
12½ " 13-8	24.00	26.40	27½ " 28-8	216.00	---
13½ " 14-8	25.50	28.05	29½ " 30-8	245.00	269.50
14½ " 15-8	31.50	34.65	31½ " 32-8	274.00	---
15½ " 16-8	38.00	41.80	35½ " 36-8	330.00	360.00

Car Bits.

Per Doz.

12-inch Twist.

<i>Sixteenths</i> ...	3	4	5	6	7	8	9	10
Common.....	---	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75
Jennings' Pattern....	\$6.80	6.00	6.80	7.60	8.80	9.60	10.40	11.20

	11	12	13	14	15	16	17	18	19	20
Common	\$13.25	15.50	16.50	17.75	18.75	20.50	24.00	---	---	---
Jennings' Pattern..	12.20	13.20	14.40	15.60	16.80	18.00	19.20	20.40	21.60	22.80

	21	22	23	24
Jennings' Pattern..	\$24.00	25.20	26.40	27.60

Jennings' Pattern.. Sets 24 quarters, \$9.50; 32½ quarters, \$12.50 per set.

$$x^2 - 1 = (x-1)(x+1)$$

10

11

$$x^2 - 1 = (x-1)(x+1)$$

12

$$x^2 - 1 = (x-1)(x+1)$$

13

$$x^2 - 1 = (x-1)(x+1)$$

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

Ship Auger Bits.

List Jan. 1, 1901.
Per Doz.

WITH OR WITHOUT SCREWS.

Eighths.

2 to 4	4½ and 5	5½ and 6	6½ and 7	7½ and 8	8½ and 9	9½ and 10
\$6.00	7.50	9.00	10.50	12.00	13.50	15.00

In sets, 32½ quarters, 1 each from 2 to 8-8ths, \$9.00 per set.

Ship Auger Pattern Car Bits.

Per Doz.

WITH OR WITHOUT SCREWS. 12-INCH TWIST.

Eighths.

2½	3	3½	4	4½	5	5½	6	6½
\$8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
7	7½	8	8½	9	9½	10	10½	11
\$13.00	14.00	14.50	15.50	16.00	17.00	17.50	18.50	19.00
11½	12	12½	13	13½	14	14½	15	
\$21.50	22.00	25.00	25.50	26.00	26.50	27.50	28.00	

Sets, 32½ quarters, 1 each from 4 to 1½ (13 Bits) \$12.00 per set.

Axles.

List Sept. 14, 1899.
Price per set.

Steel Axles.

Plain Taper, Plain Spindle.		15-16 & less.	1	1 1-16	1 1/8	1 3-16	1 1/4	1 1/2	1 5/8	1 3/4	2	2 1/4	
No. 7	Half Pat., Long Bed....	\$5.50	6.00	6.50	7.00	....	8.50	12.00	15.00	18.00	23.00	33.00	42.00
8	Short "	4.50	5.00	5.25	5.75	....	7.00	9.50	12.50	15.50	20.00	*26.00	32.00
Swell Shoulder, Solid Collar.													
11	Half Pat., Long Bed....	5.50	6.00	6.50	7.00	7.50	8.50	12.00	15.00	18.00	23.00	33.00	42.00
12	Short "	4.50	5.00	5.25	5.75	6.25	7.00	9.50	12.50	15.50	20.00	26.00	32.00
13	Taper, Long "	5.50	6.00	6.50	7.00	7.50	8.50	12.00	15.00	18.00	23.00	33.00	42.00
14	Short " ..	4.50	5.00	5.25	5.75	6.25	7.00	9.50	12.50	15.50	20.00	26.00	32.00

Superior Quality Iron, Steel Converted Axles.

No.	Swell Shoulder, Solid Collar.	¾ to 1	1½	1¼	1½	1¾	1½	1¾	1½	1¾
15	Half Patent, Long Bed.....	\$8.25	9.75	12.50	15.75	19.50	24.00	29.50		
16	Short " ..	6.50	7.75	9.75	12.50	15.75	19.50	24.00		
17	Swell Taper, Long " ..	8.25	9.75	12.50	15.75	19.50	24.00	29.50		
18	Short " ..	6.50	7.75	9.75	12.50	15.75	19.50	24.00		

Extra Quality Steel Axles.

No.	Swell Shoulder, Solid Collar.	¾ to ¾	15-16	1	1 1-16	1½	1 3-16	1¼	1½	1¾	1½	1¾
19	Half Patent, Long Bed ..	\$9.00	9.50	10.50	12.00	13.50	15.25	17.00	21.00	25.00	30.00	
20	Short " ..	7.00	7.50	8.00	8.50	9.00	10.75	12.50	16.50	19.00	24.00	
21	Swell Taper, Long " ..	9.00	9.50	10.50	12.00	13.50	15.25	17.00	21.00	25.00	30.00	
22	Short " ..	7.00	7.50	8.00	8.50	9.00	10.75	12.50	16.50	19.00	24.00	

*Some manufacturer's list at \$25.00.

Wrought Iron Case Hardened Boxes.

Extra per set.

Half Patent or Double Collar.

¾ to 13-16	¾	15-16 & 1	1½ to 1¾	1¼	1½	1¾	1½
\$1.50	1.75	2.00	2.50	3.50	4.50	5.00	7.00

Collinge and Improved Collinge Boxes.

1 & 1½	1½ & 1¾	1¼ & 1½	1¾ & 1¾	1½ & 1¾	1¾	1¾
\$5.50	6.50	7.00	8.00	9.00	10.00	12.00

Adzes. July 1, 1904.

Extra per dozen over Base.

	<i>Common.</i>	<i>Full Pol.</i>	<i>Fire Blued.</i>
CARPENTERS'.			
Half and full head. 3 and 4½ inch cut.....	Base	\$1.25	\$3.25
RAILROAD.			
Half and full head. 5 and 6 inch cut.....	Base	\$1.25	\$3.25
SHIP CARPENTERS'.			
Plain.....	Base	\$1.00	\$2.00
Lipped and Gutter.....	Base	1.00	2.00

Chopping Axes. July 1, 1904.

Extra per dozen over Base.

<i>Weight, Group</i>	<i>Single Bitt.</i>	<i>Double Bitt.</i>
1,	Base.	Base.
2,	\$0.25	\$0.25
3,	.50	.50
4,	.75	.75
5,	1.00	1.00
6,	1.25	1.25
7,	1.75	1.75
8,	2.25	2.25
9,	2.75	2.75
10,	3.25	3.25

Second Quality Axes, 50c. per dozen
less than above.

Broad Axes. July 1, 1904.

Extra per dozen over Base.

PENNSYLVANIA, WESTERN AND NEW ORLEANS PATTERNS.			CANADA PATTERN.	<i>Bronze.</i>
<i>Single Weights.</i>	<i>Assorted Weights.</i>	<i>Bronze.</i>		
5 5½ 6	5 to 7½	Base	5 @ 6 5½ @ 6½ 5 @ 7	Base
6½ 7 7½ 8	7 to 8 7½ to 8½ 7 to 9	3.00	6 @ 7 6½ @ 7½ All 6½ or 7	\$2.00
8½ 9 9½ 10	8 to 9 8½ to 9½ 8 to 10	6.00	7 @ 8 7½ @ 8½ 7 @ 9 All 7½ or 8	\$4.00
			8 @ 9 All 8½ or 9	\$6.00
			9 @ 10 9½ @ 10½ 9 @ 11 All 9½ or 10	\$8.00

Second quality Broad Axes, \$5.00 per dozen less than above.

Algeria

ALGERIA (1900-1901)

ALGERIA

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Axe Group List.

July 1, 1904.

Base Group 1.

(Base Weights.)

All 2 lb. or $2\frac{1}{4}$ or $2\frac{1}{2}$
or $2\frac{3}{4}$ or 3 or $3\frac{1}{4}$ or $3\frac{1}{2}$
lbs. or assorted.

2 to $2\frac{1}{4}$
2 to $2\frac{1}{2}$
2 to $2\frac{3}{4}$
2 to 3
2 to $3\frac{1}{4}$
2 to $3\frac{1}{2}$

$2\frac{1}{4}$ to $2\frac{1}{2}$
 $2\frac{1}{4}$ to $2\frac{3}{4}$
 $2\frac{1}{4}$ to 3
 $2\frac{1}{4}$ to $3\frac{1}{4}$
 $2\frac{1}{4}$ to $3\frac{1}{2}$

$2\frac{1}{2}$ to $2\frac{3}{4}$
 $2\frac{1}{2}$ to 3
 $2\frac{1}{2}$ to $3\frac{1}{4}$
 $2\frac{1}{2}$ to $3\frac{1}{2}$

$2\frac{3}{4}$ to 3
 $2\frac{3}{4}$ to $3\frac{1}{4}$
 $2\frac{3}{4}$ to $3\frac{1}{2}$
 $2\frac{3}{4}$ to $3\frac{3}{4}$
 $2\frac{3}{4}$ to 4

3 to $3\frac{1}{4}$
3 to $3\frac{1}{2}$
3 to $3\frac{3}{4}$
3 to 4

$3\frac{1}{4}$ to $3\frac{1}{2}$
 $3\frac{1}{4}$ to $3\frac{3}{4}$

Total weight not over 42
lbs. No axe over 4 lbs.

Group 2.

25 Cents per Dozen, Extra.

All $3\frac{3}{4}$ lbs. or 4 lbs. or
assorted.

3 to $4\frac{1}{4}$
3 to $4\frac{1}{2}$

$3\frac{1}{4}$ to 4
 $3\frac{1}{4}$ to $4\frac{1}{4}$
 $3\frac{1}{4}$ to $4\frac{1}{2}$

$3\frac{1}{2}$ to $3\frac{3}{4}$
 $3\frac{1}{2}$ to 4
 $3\frac{1}{2}$ to $4\frac{1}{4}$
 $3\frac{1}{2}$ to $4\frac{1}{2}$

$3\frac{3}{4}$ to 4
 $3\frac{3}{4}$ to $4\frac{1}{4}$

Total weight not over 48
lbs. No axe over $4\frac{1}{2}$ lbs.

Group 3.

50 Cents per Dozen, Extra.

All $4\frac{1}{4}$ lbs. or $4\frac{1}{2}$ lbs.
or assorted.

$3\frac{1}{2}$ to $4\frac{1}{4}$
 $3\frac{1}{2}$ to 5

$3\frac{3}{4}$ to $4\frac{1}{2}$
 $3\frac{3}{4}$ to $4\frac{3}{4}$
 $3\frac{3}{4}$ to 5

4 to $4\frac{1}{4}$
4 to $4\frac{1}{2}$
4 to $4\frac{3}{4}$
4 to 5

$4\frac{1}{4}$ to $4\frac{1}{2}$
 $4\frac{1}{2}$ to $4\frac{3}{4}$

Total weight not over 54
lbs. No axe over 5 lbs.

Group 4.

75 Cents per Dozen, Extra.

All $4\frac{3}{4}$ lbs. or 5 lbs. or
assorted.

4 to $5\frac{1}{4}$
4 to $5\frac{1}{2}$
4 to $5\frac{3}{4}$
4 to 6

$4\frac{1}{4}$ to 5
 $4\frac{1}{4}$ to $5\frac{1}{4}$
 $4\frac{1}{4}$ to $5\frac{1}{2}$
 $4\frac{1}{4}$ to $5\frac{3}{4}$
 $4\frac{1}{4}$ to 6

$4\frac{1}{2}$ to $4\frac{3}{4}$
 $4\frac{1}{2}$ to 5
 $4\frac{1}{2}$ to $5\frac{1}{4}$
 $4\frac{1}{2}$ to $5\frac{1}{2}$
 $4\frac{1}{2}$ to $5\frac{3}{4}$
 $4\frac{1}{2}$ to 6

$4\frac{3}{4}$ to 5
 $4\frac{3}{4}$ to $5\frac{1}{4}$

Total weight not over 60
lbs. No axe over 6 lbs.

Group 5.

\$1.00 per Dozen, Extra.

All $5\frac{1}{4}$ lbs. or $5\frac{1}{2}$ lbs.
or assorted.

$4\frac{3}{4}$ to $5\frac{1}{2}$
 $4\frac{3}{4}$ to $5\frac{3}{4}$
 $4\frac{3}{4}$ to 6

5 to $5\frac{1}{4}$
5 to $5\frac{1}{2}$
5 to $5\frac{3}{4}$
5 to 6

$5\frac{1}{4}$ to $5\frac{1}{2}$
 $5\frac{1}{4}$ to $5\frac{3}{4}$

Total weight not over 66
lbs. No axe over 6 lbs.

Group 6.

\$1.25 per Dozen, Extra.

All $5\frac{3}{4}$ lbs. or 6 lbs.
or assorted.

$5\frac{1}{4}$ to 6
 $5\frac{1}{4}$ to $6\frac{1}{4}$
 $5\frac{1}{4}$ to $6\frac{1}{2}$
 $5\frac{1}{2}$ to $5\frac{3}{4}$
 $5\frac{1}{2}$ to 6
 $5\frac{1}{2}$ to $6\frac{1}{4}$
 $5\frac{1}{2}$ to $6\frac{1}{2}$
 $5\frac{3}{4}$ to 6
 $5\frac{3}{4}$ to $6\frac{1}{4}$

Total weight not over 72
lbs. No axe over $6\frac{1}{2}$ lbs.

Group 7.

\$1.75 per Dozen, Extra.

All $6\frac{1}{4}$ lbs. or $6\frac{1}{2}$ lbs.
or assorted.

$5\frac{3}{4}$ to $6\frac{1}{2}$
 $5\frac{3}{4}$ to $6\frac{3}{4}$
 $5\frac{3}{4}$ to 7
6 to $6\frac{1}{4}$
6 to $6\frac{1}{2}$
6 to $6\frac{3}{4}$
6 to 7
 $6\frac{1}{4}$ to $6\frac{1}{2}$
 $6\frac{1}{4}$ to $6\frac{3}{4}$

Total weight not over 78
lbs. No axe over 7 lbs.

Group 8.

\$2.25 per Dozen, Extra.

All $6\frac{3}{4}$ lbs. or 7 lbs. or
assorted.

$6\frac{1}{4}$ to 7
 $6\frac{1}{4}$ to $7\frac{1}{4}$
 $6\frac{1}{4}$ to $7\frac{1}{2}$
 $6\frac{1}{2}$ to $6\frac{3}{4}$
 $6\frac{1}{2}$ to 7
 $6\frac{1}{2}$ to $7\frac{1}{4}$
 $6\frac{1}{2}$ to $7\frac{1}{2}$
 $6\frac{3}{4}$ to 7
 $6\frac{3}{4}$ to $7\frac{1}{4}$

Total weight not over 84
lbs. No axe over $7\frac{1}{2}$ lbs.

Group 9.

\$2.75 per Dozen, Extra.

All $7\frac{1}{4}$ lbs. or $7\frac{1}{2}$ lbs.
or assorted.

$6\frac{3}{4}$ to $7\frac{1}{2}$
 $6\frac{3}{4}$ to $7\frac{3}{4}$
 $6\frac{3}{4}$ to 8
7 to $7\frac{1}{4}$
7 to $7\frac{1}{2}$
7 to $7\frac{3}{4}$
7 to 8

Total weight not over 90
lbs. No axe over 8 lbs.

Group 10.

\$3.25 per Dozen, Extra.

All $7\frac{3}{4}$ lbs. or 8 lbs.

Cow Bells. Per Doz.

Nos.	0	1	1½	2	3	4	5	6	7
	\$12.00	10.00	9.00	8.00	6.00	5.00	4.00	3.00	2.50

Hand Bells. Per dozen.

Nos.	0	1	2	3	4	5	6	7	8	9	10	12	14	16	18
Polished.....	\$2.25*	2.62	3.50	4.50	6.50	8.50	11.25	13.75	18.50	24.00	30.00	36.00	48.00	54.00	60.00
White Metal.....	2.25	2.62	3.50	4.50	6.50	8.50	11.25	13.75	18.50	24.00	30.00	36.00	48.00	54.00	60.00
Swiss, polished.	---	---	6.00	---	9.00	---	13.50	---	22.50	---	38.25	57.75	---	---	---
" nickeled.	---	---	8.00	---	12.00	---	18.00	---	30.00	---	51.00	77.00	---	---	---

* Some lists, \$2.00.

Church, School and Farm Bells.

Steel Alloy, School and Church.

	List number and diameter in inches.	Price each.
School Bells.	20.....	\$16.00
	22.....	20.00
	24.....	25.00
	26.....	40.00
	28.....	50.00
	30.....	60.00*
Church Bells.	32.....	75.00
	34.....	90.00
	36.....	110.00
	38.....	125.00
	40.....	150.00
	42.....	165.00
	44.....	200.00
	46.....	225.00
	48.....	250.00
	54.....	375.00

* Without tolling hammer.

Straight Spring Balances.

WITH HOOK. Per Doz.

Pounds.	Light.	Heavy.
12 x ¼	---	\$4.00
25 x ½	\$1.50	4.00
25 x ½	1.60	---
30 x ½	---	5.00
40 x ½	---	12.00
50 x 1	3.00	8.00
80 x 1	---	24.00
100 x 1	---	42.00
125 x 1	---	48.00
150 x 1	--	60.00

Crystal Metal, Farm.

List number	1	2	3	4
Diam. in inches..	15	17	19	21
Weight, complete, lbs.....	40	50	75	100
Price each	\$4.00	5.00	7.50	10.00

Rubber Belting.

Per Foot.

Inches.	2-Ply.	3-Ply.	4-Ply.	5-Ply.	6-Ply.	7-Ply.	8-Ply.	10-Ply.
1	\$0.07	\$0.09	\$0.11	----	----	----	----	----
1¼	.09	.11	.13	----	----	----	----	----
1½	.11	.13	.15	\$0.19	----	----	----	----
1¾	.13	.15	.17	.21	----	----	----	----
2	.15	.17	.21	.26	----	----	----	----
2½	.18	.22	.26	.32	----	----	----	----
3	.22	.26	.31	.38	----	----	----	----
3½	.26	.30	.37	.46	----	----	----	----
4	.30	.34	.42	.52	----	----	----	----
4½	.33	.39	.47	.58	----	----	----	----
5	.36	.43	.52	.65	----	----	----	----
6	.43	.52	.62	.77	\$0.93	\$1.08	\$1.24	----
7	.51	.60	.73	.91	1.09	1.27	1.46	----
8	.59	.70	.84	1.05	1.26	1.47	1.68	\$2.10
9	.67	.80	.95	1.18	1.42	1.66	1.90	2.36
10	.75	.90	1.07	1.33	1.60	1.87	2.14	2.66
11	.83	1.00	1.18	1.47	1.77	2.06	2.36	2.94
12	.91	1.08	1.30	1.62	1.95	2.27	2.60	3.25
13	1.00	1.18	1.42	1.77	2.13	2.48	2.84	3.55
14	1.08	1.28	1.54	1.92	2.31	2.69	3.08	3.85
15	1.16	1.38	1.66	2.07	2.49	2.90	3.32	4.15
16	1.25	1.50	1.78	2.22	2.67	3.11	3.56	4.45
18	1.41	1.70	2.02	2.52	3.03	3.53	4.04	5.05
20	1.58	1.90	2.26	2.82	3.39	3.95	4.52	5.65
22	1.76	2.12	2.52	3.15	3.78	4.41	5.04	6.30
24	1.96	2.36	2.80	3.50	4.20	4.90	5.60	7.00
26	2.16	2.60	3.08	3.85	4.62	5.39	6.16	7.70
28	2.36	2.84	3.36	4.20	5.04	5.88	6.72	8.40
30	2.56	*3.08	3.64	4.55	5.46	6.37	7.28	9.10
32	2.76	*3.32	3.92	4.90	5.88	6.86	7.84	9.80
34	2.96	*3.56	4.20	5.25	6.30	7.35	8.40	10.50
36	3.16	*3.80	4.48	5.60	6.72	7.84	8.96	11.20
38	3.36	*4.04	4.76	5.95	7.14	8.33	9.52	11.90
40	3.56	*4.28	5.04	6.30	7.56	8.82	10.08	12.60
42	3.76	*4.52	5.32	6.65	7.98	9.31	10.64	13.30
44	3.96	*4.76	5.60	7.00	8.40	9.80	11.20	14.00
46	4.16	*5.00	5.88	7.35	8.82	10.29	11.76	14.70
48	4.35	*5.24	6.16	7.70	9.24	10.78	12.32	15.40
50	4.56	5.48	6.44	8.05	9.66	11.27	12.88	16.10
52	4.76	5.72	6.72	8.40	10.08	11.76	13.44	16.80
54	4.96	5.96	7.00	8.75	10.50	12.25	14.00	17.50
56	5.16	6.20	7.28	9.10	10.92	12.74	14.56	18.20
58	5.36	6.44	7.56	9.45	11.34	13.23	15.12	18.90
60	5.56	6.68	7.84	9.80	11.76	13.72	15.68	19.60

* Some lists are slightly different.

Leather Belting, Single.

List Nov. 12, 1901.					Price per running foot.									
Inches.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$				
	\$0.10	.12	.14	.16	.17	.23	.29	.35	.41	.47				
Inches.	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$	5					
	\$0.53	.59	.64	.70	.76	.82	.87	.98	1.09					
Inches.	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	8	9	10	11	12					
	\$1.21	1.32	1.43	1.54	1.76	1.98	2.20	2.42	2.64					
Inches.	13	14	15	16	17	18	19	20	21					
	\$2.86	3.08	3.30	3.52	3.74	3.96	4.18	4.40	4.62					
Inches.	22	23	24	25	26	27	28	30						
	\$4.84	5.06	5.28	5.50	5.72	5.94	6.16	6.60						
Inches.	32	34	36	38	40	44	48							
	\$7.04	7.48	7.92	8.36	8.80	9.68	10.56							
Inches.	52	56	60	64	68	72								
	\$11.44	12.32	13.20	14.08	14.96	15.84								

Double Belting, twice the price of single.

Cut Lacing.

Per bundle of 100 feet.

Raw Hide and Tanned.

Inches.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
	\$1.00	1.25	1.50	1.75	2.00	2.75	3.25

Blocks for Rope Straps. Each.

Lignumvitae or Iron Shears.

Length of Shell. Inches.	Mortise. Inch.	Iron Bushed.			Roller Bushed.		
		Single.	Double.	Triple.	Single.	Double.	Triple.
2	$\frac{1}{2}$	\$0.22	.40	.56	----	----	----
$2\frac{1}{2}$	$\frac{1}{2}$	.25	.45	.65	----	----	----
3	$\frac{5}{8}$	.28	.48	.72	\$0.54	1.08	1.54
$3\frac{1}{2}$	$\frac{5}{8}$	.31	.56	.80	.67	1.23	1.75
4	$\frac{11}{8}$	.36	.66	.90	.77	1.41	1.92
$4\frac{1}{2}$	$\frac{7}{8}$	.41	.74	1.02	.87	1.58	2.16
5	$\frac{7}{8}$	.45	.82	1.12	.96	1.76	2.40
6	1 Or $1\frac{1}{8}$	.54	.99	1.35	1.08	2.07	2.97
7	$1\frac{1}{8}$	.72	1.33	1.84	1.28	2.45	3.52
8	$1\frac{1}{4}$	.96	1.76	2.40	1.75	3.34	4.77
9	$1\frac{1}{4}$	1.26	2.34	3.24	2.05	3.92	5.61
10	$1\frac{3}{8}$	1.80	3.30	4.50	2.98	5.66	8.04
12	$1\frac{1}{2}$	2.16	3.96	5.40	3.46	6.56	9.30
14	$1\frac{5}{8}$ Or $1\frac{3}{4}$	3.30	6.50	9.00	5.02	9.94	14.16

TACKLE BLOCKS.

Rope Strapped Blocks.

Lignumvitae or Iron Sheaves.

Length of Shell. Inches	For Diam. Rope. Inches	Common Iron Bushed. Pat. Roller Bushed					
		Single Each.	Double Each.	Triple Each.	Single Each.	Double Each.	Triple Each.
3	$\frac{3}{8}$	\$0.65	1.05	1.60	1.00	1.85	2.75
$3\frac{1}{2}$	$\frac{3}{8}$	.70	1.15	1.75	1.05	2.00	3.00
4	$\frac{1}{2}$	.76	1.30	2.00	1.10	2.15	3.15
5	$\frac{5}{8}$	.83	1.58	2.10	1.20	2.35	3.50
6	$\frac{3}{4}$	1.05	1.80	2.60	1.45	2.75	4.20
7	$\frac{7}{8}$	1.25	2.25	3.30	1.65	3.25	4.75
8	1	1.54	2.60	3.75	2.15	3.85	5.75
9	1	1.80	3.25	4.50	2.50	4.50	7.00
10	$1\frac{1}{8}$	2.50	4.25	5.90	3.30	5.75	8.35
12	$1\frac{1}{4}$	4.00	6.50	9.50	4.90	8.00	12.50
14	$1\frac{3}{8}$	6.00	9.50	13.50	7.50	11.00	17.00



Iron Strapped Blocks.

Loose Hooks. Lignumvitae or Iron Sheaves.

Length of Shell. Inches.	Size of Sheave. Inches.	For Diameter Rope. Inches.	Common Iron Bushed.			Roller Bushed.			Self-Lubricating Metaline Bushed.		
			Single Each.	Double Each.	Triple Each.	Single Each.	Double Each.	Triple Each.	Single Each.	Double Each.	Triple Each.
3	1 3/4	x 1/2 x 3/8	3/8	\$0.70	1.30	1.75	1.10	2.00	2.90	----	----
3 1/2	2	x 1/2 x 3/8	3/8	.75	1.45	2.00	1.15	2.20	3.15	----	----
4	2 1/4	x 5/8 x 3/8	1/2	.85	1.60	2.15	1.20	2.25	3.25	1.50	2.90 4.15
5	3	x 3/4 x 3/8	5/8	.90	1.75	2.25	1.25	2.35	3.50	1.75	3.35 4.75
6	3 1/2	x 1 x 1/2	3/4	1.10	2.00	2.90	1.50	2.85	4.40	2.20	4.00 5.80
7	4 1/4	x 1 x 1/2	7/8	1.30	2.40	3.50	1.70	3.35	5.00	2.50	4.50 6.70
8	4 3/4	x 1 1/8 x 5/8	1	1.65	2.85	4.25	2.25	4.15	6.00	3.25	5.70 8.50
9	5 1/2	x 1 1/8 x 5/8	1	1.85	3.40	4.75	2.50	4.70	7.25	3.70	6.75 10.00
10	6 1/4	x 1 1/4 x 5/8	1 1/8	2.75	4.50	6.25	3.50	6.00	8.50	4.75	8.50 12.50
11	7 1/4	x 1 1/4 x 3/4	1 1/8	4.45	7.50	10.65	5.30	9.20	13.20	6.75	12.50 18.50
12	8	x 1 3/8 x 3/4	1 1/4	4.45	7.50	10.65	5.30	9.20	13.20	6.75	12.50 18.50
13	9	x 1 1/2 x 3/4	1 1/4	7.00	10.50	15.00	8.15	12.80	18.45	9.75	17.00 25.00
14	9 1/2	x 1 5/8 x 7/8	1 3/4	7.00	10.50	15.00	8.15	12.80	18.45	9.75	17.00 25.00
15	10	x 1 5/8 x 7/8	1 1/2	8.00	13.00	18.00	9.25	15.50	21.75	11.00	19.50 28.50
16	11	x 1 3/4 x 7/8	1 5/8	10.00	15.00	22.00	11.50	18.00	26.50	----	----

Heavy Tackle Thick Mortise Blocks.

Extra Heavy Loose Hooks. Lignumvitae or Iron Sheaves.

Length of Shell. Inches.	Size of Sheave. Inches.	For Diameter Rope. Inches.	Common Iron Bushed.			Roller Bushed.			Self-Lubricating Metaline Bushed.		
			Single Each.	Double Each.	Triple Each.	Single Each.	Double Each.	Triple Each.	Single Each.	Double Each.	Triple Each.
7	4 1/4	x 1 1/8 x 1/2	1	\$2.25	4.00	5.50	3.00	5.50	7.75	----	----
8	4 3/4	x 1 3/8 x 3/8	1 1/8	2.75	4.50	6.30	3.50	6.00	8.55	5.00	9.00 13.00
9	5 1/2	x 1 3/8 x 3/8	1 1/8	3.15	5.25	7.25	4.00	6.95	9.80	5.75	10.50 15.00
10	6 1/4	x 1 1/2 x 3/4	1 1/4	4.00	6.50	8.50	5.25	9.00	12.25	7.25	13.50 19.00
11	7	x 1 1/2 x 3/4	1 1/4	5.25	8.50	12.50	6.50	11.00	16.25	9.25	17.00 25.00
12	8	x 1 3/8 x 3/4	1 1/2	5.25	8.50	12.50	6.50	11.00	16.25	9.25	17.00 25.00
13	9	x 1 1/4 x 3/4	1 1/2	8.00	13.00	17.00	9.75	16.50	22.25	13.00	23.50 33.00
14	9 1/2	x 1 5/8 x 7/8	1 3/4	8.00	13.00	17.00	9.75	16.50	22.25	13.00	23.50 33.00
15	10	x 1 5/8 x 7/8	1 3/4	9.00	15.00	20.00	11.00	19.00	26.00	15.00	26.50 37.00
16	11	x 2 1/4 x 1	2	11.50	18.00	28.00	14.00	23.00	35.50	18.00	32.00 48.00

Wood Snatch Tackle Blocks.

Length of Shell. Inches.	Size of Sheave. Inches.	For Diameter Rope. Inches.	Common Iron Bushed.	Self- Adjusting 5-Roller, Bushed.	Self-Lubri- cating, Metaline Bushed.	Galv. Straps Extra Net List. Each.
6	3	x 1 1/8 x 1/2	7/8	\$4.00	4.65	.20
7	3 1/2	x 1 1/4 x 1/2	7/8	4.75	5.50	.25
8	4 1/2	x 1 3/8 x 3/8	1	5.75	6.60	.35
9	5	x 1 3/8 x 3/8	1 1/8	6.75	7.75	.40
10	5 3/4	x 1 1/2 x 3/4	1 1/4	8.50	10.00	.65
12	6 3/4	x 2 1/8 x 3/4	1 1/2	10.00	11.50	.90
14	8	x 2 1/4 x 7/8	1 3/4	13.00	15.00	1.20
16	9	x 2 5/8 x 1	2	17.00	20.00	----
18	10	x 3 x 1 1/8	2 1/4	25.00	28.50	----
20	11	x 3 1/2 x 1 1/4	2 1/2	38.00	43.00	----
22	11 3/4	x 4 1/4 x 1 1/2	3	55.00	63.00	----
24	12 1/2	x 4 1/2 x 1 1/2	3 1/2	70.00	78.00	----

Stove Boards.

List 1904.
Per Doz.

Round.	Paper lined.					Wood lined.			
	Em- bossed.	Alumi- num finish.	En- ameled.	Crys- tal.	Zinc.	Em- bossed.	Crys- tal.	En- ameled.	Alu- minum finish.
24-----	\$5.40	6.00	----	6.00	7.20	----	----	----	----
26-----	6.00	6.72	----	6.72	8.40	----	----	----	----
27-----	----	----	----	----	----	9.60	----	----	----
28-----	6.72	7.56	----	7.56	9.60	----	----	----	----
30-----	7.56	8.64	----	8.64	10.80	10.80	----	----	----
32-----	8.64	9.84	----	9.84	12.00	----	----	----	----
33-----	----	----	----	----	----	12.00	----	----	----
34-----	9.72	11.40	----	11.40	13.20	----	----	----	----
36-----	10.80	13.20	----	13.20	14.40	13.20	----	----	----
Square.									
24 x 24----	5.40	6.00	6.00	6.00	7.80	----	----	----	----
26 x 26----	6.00	6.72	6.72	6.72	9.00	9.60	10.20	10.20	10.20
28 x 28----	6.72	7.56	7.56	7.56	10.20	10.80	11.40	11.40	11.40
30 x 30----	7.56	8.64	8.64	8.64	11.40	12.00	12.60	12.60	12.60
32 x 32----	8.64	9.84	9.84	9.84	12.60	----	----	----	----
33 x 33----	----	----	----	----	----	15.60	15.60	15.60	15.60
34 x 34----	9.72	11.40	11.40	11.40	13.80	----	----	----	----
36 x 36----	10.80	13.20	13.20	13.20	15.00	18.00	18.00	18.00	18.00
Oblong.									
24 x 36----	7.80	8.40	8.40	8.40	10.80	10.80	11.40	11.40	11.40
26 x 30----	7.80	8.40	8.40	8.40	10.20	----	----	----	----
26 x 32----	----	----	----	----	----	10.80	11.40	11.40	11.40
28 x 32----	8.40	9.60	9.60	9.60	11.40	----	----	----	----
28 x 34----	----	----	9.60	----	----	12.00	12.60	12.60	12.60
30 x 36----	9.60	11.40	11.40	11.40	13.20	----	----	----	----
30 x 38----	----	----	----	----	----	16.20	16.20	16.20	16.20
32 x 42----	12.00	13.80	13.80	13.80	15.60	19.20	19.20	19.20	19.20



Common Carriage Bolts.

List Feb'y 1, 190
Price per 100.

Length in Inches.	1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4
1½	\$1.00	\$1.20	\$1.60	\$2.20	...	...	...
1¾	1.04	1.25	1.68	2.29	....	....	....
2	1.08	1.30	1.76	2.38	....	....	....
2¼	1.12	1.35	1.84	2.47	...	...	....
2½	1.16	1.40	1.92	2.56	\$3.00	\$5.20	\$7.20
2¾	1.20	1.45	2.00	2.65	3.11	5.37	7.43
3	1.24	1.50	2.08	2.74	3.22	5.54	7.66
3¼	1.28	1.55	2.16	2.83	3.33	5.71	7.89
3½	1.32	1.60	2.24	2.92	3.44	5.88	8.12
3¾	1.36	1.65	2.32	3.01	3.55	6.05	8.35
4	1.40	1.70	2.40	3.10	3.66	6.22	8.58
4¼	1.44	1.75	2.48	3.19	3.77	6.39	8.81
4½	1.48	1.80	2.56	3.28	3.88	6.56	9.04
4¾	1.52	1.85	2.64	3.37	3.99	6.73	9.27
5	1.56	1.90	2.72	3.46	4.10	6.90	9.50
5½	1.64	2.00	2.88	3.64	4.32	7.24	9.96
6	1.72	2.10	3.04	3.82	4.54	7.58	10.42
6½	1.80	2.20	3.20	4.00	4.76	7.92	10.88
7	1.88	2.30	3.36	4.18	4.98	8.26	11.34
7½	1.96	2.40	3.52	4.36	5.20	8.60	11.80
8	2.04	2.50	3.68	4.54	5.42	8.94	12.26
8½	2.12	2.60	3.84	4.72	5.64	9.28	12.72
9	2.20	2.70	4.00	4.90	5.86	9.62	13.18
9½	2.28	2.80	4.16	5.08	6.08	9.96	13.64
10	2.36	2.90	4.32	5.26	6.30	10.30	14.10
11	2.52	3.10	4.64	5.62	6.74	10.98	15.02
12	2.68	3.30	4.96	5.98	7.18	11.66	15.94
13	2.84	3.50	5.28	6.34	7.62	12.34	16.86
14	3.00	3.70	5.60	6.70	8.06	13.02	17.78
15	3.16	3.90	5.92	7.06	8.50	13.70	18.70
16	3.32	4.10	6.24	7.42	8.94	14.38	19.62
17	3.48	4.30	6.56	7.78	9.38	15.06	20.54
18	3.64	4.50	6.88	8.14	9.82	15.74	21.46
19	3.80	4.70	7.20	8.50	10.26	16.42	22.38
20	3.96	4.90	7.52	8.86	10.70	17.10	23.30

Norway Iron Carriage Bolts.

List May 24, 1899.

1-8, 3-16 and 1-4	5-16	3-8*	7-16	1-2
1 in., \$3.00	1½ in., \$4.00	2 in., \$5.40	1½ in., \$7.30	1½ in., \$9.50
1¼ " 3.10	1¾ " 4.00	2¼ " 5.60	1¾ " 7.50	1¾ " 9.80
1½ " 3.20	2 " 4.10	2½ " 5.80	2 " 7.70	2 " 10.10
1¾ " 3.30	2¼ " 4.20	2¾ " 6.00	2¼ " 7.90	2¼ " 10.35
2 " 3.40	2½ " 4.40	3 " 6.20	2½ " 8.15	2½ " 10.65
2¼ " 3.50	2¾ " 4.50	3¼ " 6.50	2¾ " 8.35	2¾ " 10.90
2½ " 3.60	3 " 4.70	3½ " 6.70	3 " 8.55	3 " 11.20
2¾ " 3.70	3¼ " 4.90	3¾ " 6.90	3½ " 8.95	3½ " 11.75
3 " 3.80	3½ " 5.00	4 " 7.10	4 " 9.40	4 " 12.30
3¼ " 3.90	3¾ " 5.20	4½ " 7.50	4½ " 9.80	4½ " 12.90
3½ " 4.00	4 " 5.30	5 " 7.90	5 " 10.25	5 " 13.45
3¾ " 4.10	4½ " 5.70	5½ " 8.40	5½ " 10.65	5½ " 14.00
4 " 4.20	4¾ " 5.85	6 " 8.80	6 " 11.05	6 " 14.55
4¼ " 4.35	5 " 6.00	6½ " 9.30	6½ " 11.50	6½ " 15.10
4½ " 4.50	5½ " 6.30	7 " 9.70	7 " 11.85	7 " 15.70
4¾ " 4.65	6 " 6.60	7½ " 10.10	7½ " 12.35	7½ " 16.25
5 " 4.80	6½ " 7.00	8 " 10.50	8 " 12.75	8 " 16.80
5½ " 5.10	7 " 7.30	8½ " 10.90	8½ " 13.15	8½ " 17.35
6 " 5.40	7½ " 7.60	9 " 11.40	9 " 13.60	9 " 17.90

*Some makers' lists differ slightly.

Philadelphia Eagle Carriage Bolts.

List May 24, 1899.
Price per 100.

Length, 3-16 & 1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4
I -----	\$3.00	\$4.00	\$5.40	\$7.30	\$9.50	-----
I 1/4 -----	3.10	4.00	5.40	7.30	9.50	-----
I 1/2 -----	3.20	4.00	5.40	7.30	9.50	-----
I 3/4 -----	3.30	4.00	5.40	7.50	9.80	-----
2 -----	3.40	4.10	5.40	7.70	10.10	-----
2 1/4 -----	3.50	4.20	5.60	7.90	10.35	-----
2 1/2 -----	3.60	4.40	5.80	8.15	10.65	-----
2 3/4 -----	3.70	4.50	6.00	8.35	10.90	-----
3 -----	3.80	4.70	6.20	8.55	11.20	\$18.75
3 1/4 -----	3.90	4.90	6.50	8.75	11.50	19.25
3 1/2 -----	4.00	5.00	6.70	8.95	11.75	19.75
3 3/4 -----	4.10	5.20	6.90	9.15	12.00	20.25
4 -----	4.20	5.30	7.10	9.40	12.30	20.75
4 1/4 -----	4.35	5.50	7.30	9.60	12.60	21.25
4 1/2 -----	4.50	5.70	7.50	9.80	12.90	21.75
4 3/4 -----	4.65	5.85	7.70	10.00	13.15	22.25
5 -----	4.80	6.00	7.90	10.25	13.45	22.75
5 1/2 -----	5.10	6.30	8.40	10.65	14.00	23.75
6 -----	5.40	6.60	8.80	11.05	14.55	24.75
6 1/2 -----	-----	7.00	9.30	11.50	15.10	25.75
7 -----	-----	7.30	9.70	11.85	15.70	26.75
7 1/2 -----	-----	7.60	10.10	12.35	16.25	27.75
8 -----	-----	7.90	10.50	12.75	16.80	28.75
8 1/2 -----	-----	8.20	10.90	13.15	17.35	29.75
9 -----	-----	8.50	11.40	13.60	17.90	30.75
9 1/2 -----	-----	-----	11.90	14.00	18.50	31.75
10 -----	-----	-----	12.40	14.45	19.00	32.75
10 1/2 -----	-----	-----	-----	14.85	19.60	33.75
11 -----	-----	-----	-----	15.25	20.15	34.75
11 1/2 -----	-----	-----	-----	15.70	20.70	35.75
12 -----	-----	-----	-----	16.15	21.30	36.75

Bolt Extras,

Applying to all Bolts and Bolt Ends.

Size of Bolt	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8
Extreme Length of Thread in Inches	3/4	1 1/8	1 1/8	1 5/8	1 1/2	1 7/8	2 1/4	2 5/8	3
For each additional 1/4 inch of Thread, per 100 Bolts	\$0.02	.02	.02 1/2	.03	.04	.06	.08	.10	.12
For one Extra Square Nut, per 100 Bolts	.25	.35	.45	.55	.65	.85	1.35	2.00	3.00
For one Extra Hexagon Nut, per 100 Bolts	.35	.45	.55	.70	.85	1.15	1.75	2.50	3.60
For one Thumb or Wing Nut in place of Square or Hex- agon Nuts, per 100 Bolts	.25	.35	.50	.75	.75	-----	-----	-----	-----

Bridge and Roof Bolts.

List Feb. 14, 1895.
Price per pound.

Square Head on one end and Square Nut on the other, or Square Nut on each end.

Length.	$\frac{5}{8}$ diam.	$\frac{3}{4}$ to $1\frac{1}{8}$ diam.	$1\frac{1}{4}$ to $1\frac{1}{2}$ diam.	$1\frac{5}{8}$ to 2 diam.
20 or 30 in. to 4 feet....	\$0.09.2	\$0.08.8	\$0.09.2	\$0.10.0
4 feet " 8 " ...	.08.8	.08.4	.08.8	.09.4
8 " " 12 " ...	.08.4	.08.0	.08.4	.08.8
12 " " 20 " ...	.08.0	.07.6	.08.0	.08.4

Both ends upset and fitted with Hexagon Nuts.

Length.	$\frac{3}{4}$ to $1\frac{1}{8}$ diam.	$1\frac{1}{4}$ to $1\frac{1}{2}$ diam.	$1\frac{5}{8}$ to 2 diam.	$2\frac{1}{8}$ to 3 diam.
4 feet to 8 feet.....	\$0.12.0	\$0.12.4	\$0.13.2	\$0.14.4
8 " 12 " .....	.11.0	.11.4	.12.2	.13.2
12 " 16 " .....	.10.0	.10.4	.11.2	.12.4
16 " 20 " .....	.09.2	.09.6	.10.4	.11.6

Blank Bolts.

List Feb. 14, 1895.
Price per 100.

Length.	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1
$1\frac{1}{2}$	\$1.20	\$1.40	\$1.60	\$2.00	\$2.50	\$4.00	\$5.60	\$7.80	\$10.40	
2	1.30	1.52	1.74	2.18	2.74	4.36	6.10	8.50	11.30	
$2\frac{1}{2}$	1.40	1.64	1.88	2.36	2.98	4.72	6.60	9.20	12.20	
3	1.50	1.76	2.02	2.54	3.22	5.08	7.10	9.90	13.10	
$3\frac{1}{2}$	1.60	1.88	2.16	2.72	3.46	5.44	7.60	10.60	14.00	
4	1.70	2.00	2.30	2.90	3.70	5.80	8.10	11.30	14.90	
$4\frac{1}{2}$	1.80	2.12	2.44	3.08	3.94	6.16	8.60	12.00	15.80	
5	1.90	2.24	2.58	3.26	4.18	6.52	9.10	12.70	16.70	
$5\frac{1}{2}$	2.00	2.36	2.72	3.44	4.42	6.88	9.60	13.40	17.60	
6	2.10	2.48	2.86	3.62	4.66	7.24	10.10	14.10	18.50	
$6\frac{1}{2}$	2.20	2.60	3.00	3.80	4.90	7.60	10.60	14.80	19.40	
7	2.30	2.72	3.14	3.98	5.14	7.96	11.10	15.50	20.30	
$7\frac{1}{2}$	2.40	2.84	3.28	4.16	5.38	8.32	11.60	16.20	21.20	
8	2.50	2.96	3.42	4.34	5.62	8.68	12.10	16.90	22.10	
9	2.70	3.20	3.70	4.70	6.10	9.40	13.10	18.30	23.90	
10	2.90	3.44	3.98	5.06	6.58	10.12	14.10	19.70	25.70	
11	3.10	3.68	4.26	5.42	7.06	10.84	15.10	21.10	27.50	
12	3.30	3.92	4.54	5.78	7.54	11.56	16.10	22.50	29.30	
13	....	....	4.82	6.14	8.02	12.28	17.10	23.90	31.10	
14	....	....	5.10	6.50	8.50	13.00	18.10	25.30	32.90	
15	....	....	5.38	6.86	8.98	13.72	19.10	26.70	34.70	
16	....	....	5.66	7.22	9.46	14.44	20.10	28.10	36.50	
17	....	....	....	....	9.94	15.16	21.10	29.50	38.30	
18	....	....	....	....	10.42	15.88	22.10	30.90	40.10	
19	....	....	....	....	10.90	16.60	23.10	32.30	41.90	
20	....	....	....	....	11.38	17.32	24.10	33.70	43.70	

Blank Bolts with Hexagon Heads, 10 per cent. extra; Tee Heads, Askew Heads, and Eccentric Heads, 10 to 20 per cent. extra.

Stove Bolts.

List Dec. 28, 1899.

Flat Head. Price per 100.					Round Head Price per 100.				
Length.	$\frac{1}{8}$. $\frac{5}{16}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	Length.	$\frac{1}{8}$. $\frac{5}{16}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
$\frac{3}{8}$	\$0.75				$\frac{3}{8}$	\$0.85			
$\frac{1}{2}$	.75	.90			$\frac{1}{2}$	.85	1.00		
$\frac{5}{8}$	.75	.90			$\frac{5}{8}$	.85	1.00		
$\frac{3}{4}$	.75	.90	1.30	2.50	$\frac{3}{4}$	.85	1.00	1.55	2.65
$\frac{7}{8}$	.80	.95	1.35	2.55	$\frac{7}{8}$	.90	1.05	1.60	2.70
1	.80	.95	1.40	2.60	1	.90	1.05	1.65	2.75
$1\frac{1}{8}$	.85	1.00	1.45	2.65	$1\frac{1}{8}$	.95	1.10	1.70	2.80
$1\frac{1}{4}$	.85	1.00	1.50	2.70	$1\frac{1}{4}$	.95	1.10	1.75	2.85
$1\frac{3}{8}$	.90	1.05	1.60	2.80	$1\frac{3}{8}$	1.00	1.15	1.80	2.90
$1\frac{1}{2}$	.90	1.05	1.70	2.90	$1\frac{1}{2}$	1.00	1.15	1.85	2.95
$1\frac{3}{4}$	.95	1.10	1.80	3.00	$1\frac{3}{4}$	1.05	1.20	1.95	3.05
2	1.00	1.15	1.90	3.10	2	1.10	1.25	2.05	3.20
$2\frac{1}{4}$	1.05	1.20	2.00	3.20	$2\frac{1}{4}$	1.15	1.30	2.15	3.35
$2\frac{1}{2}$	1.10	1.25	2.10	3.30	$2\frac{1}{2}$	1.20	1.35	2.25	3.50
$2\frac{3}{4}$	1.15	1.30	2.20	3.40	$2\frac{3}{4}$	1.25	1.40	2.35	3.65
3	1.20	1.35	2.30	3.50	3	1.30	1.45	2.45	3.80
$3\frac{1}{4}$	1.25	1.40	2.40	3.60	$3\frac{1}{4}$	1.35	1.50	2.55	3.95
$3\frac{1}{2}$	1.30	1.45	2.50	3.70	$3\frac{1}{2}$	1.40	1.55	2.65	4.10
$3\frac{3}{4}$	1.35	1.50	2.60	3.80	$3\frac{3}{4}$	1.45	1.60	2.75	4.25
4	1.40	1.55	2.70	3.90	4	1.50	1.65	2.85	4.40
$4\frac{1}{4}$	1.45	1.60	2.80	4.05	$4\frac{1}{4}$	1.55	1.70	2.95	4.55
$4\frac{1}{2}$	1.50	1.65	2.90	4.20	$4\frac{1}{2}$	1.60	1.75	3.05	4.70
$4\frac{3}{4}$	1.55	1.70	3.00	4.35	$4\frac{3}{4}$	1.65	1.80	3.15	4.85
5	1.60	1.75	3.10	4.50	5	1.70	1.85	3.25	5.00
$5\frac{1}{4}$	1.65	1.80	3.20	4.65	$5\frac{1}{4}$	1.75	1.90	3.35	5.15
$5\frac{1}{2}$	1.70	1.85	3.30	4.80	$5\frac{1}{2}$	1.80	1.95	3.45	5.30
$5\frac{3}{4}$	1.75	1.90	3.40	4.95	$5\frac{3}{4}$	1.85	2.00	3.55	5.45
6	1.80	1.95	3.50	5.10	6	1.90	2.05	3.65	5.60

Nickel Plated Stove Bolts, add \$1 to above list prices.

Bolt Ends.

Square Nuts. List Feb. 14, 1895.
Price per pound.

Size of iron.	5-16	3-8	7-16	1-2&9-16	5-8	3-4	7-8	1	$1\frac{1}{8}$
Length.....	6	7	7	8	9	10	11	12	13
Per pound.....	20	18	16	14	12	10	10	10	10

Size of iron.	1 1-4	1 3-8	1 1-2	1 5-8	1 3-4	1 7-8	2
Length.....	14	15	16	17	18	19	20
Per pound.	11	11	11	12	12	12	12

With Hexagon Nuts, 10 per cent. extra.

Bolt Ends shorter than above Standard lengths at the price per 100 of Machine Bolts of same length, subject to same discount.

Machine Bolts.

List Oct. 1, 1899.
Price per 100.

Length	1-4	5-16	3-8	7-16	1-2 & 5-8	9-16	3-4	7-8	1	1 1-8	1 1-4
1½	\$1.70	2.00	2.40	2.80	3.60	5.20	7.20	10.50	15.10	22.50	30.00
2	1.78	2.12	2.56	3.00	3.86	5.58	7.70	11.20	16.00	23.70	31.50
2½	1.86	2.24	2.72	3.20	4.12	5.96	8.20	11.90	16.90	24.90	33.00
3	1.94	2.36	2.88	3.40	4.38	6.34	8.70	12.60	17.80	26.10	34.50
3½	2.02	2.48	3.04	3.60	4.64	6.72	9.20	13.30	18.70	27.80	36.00
4	2.10	2.60	3.20	3.80	4.94	7.10	9.70	14.00	19.60	28.50	37.50
4½	2.18	2.72	3.36	4.00	5.16	7.48	10.20	14.70	20.50	29.70	39.00
5	2.26	2.84	3.52	4.20	5.42	7.86	10.70	15.40	21.40	30.90	40.50
5½	2.34	2.96	3.68	4.40	5.68	8.24	11.20	16.10	22.30	32.10	42.00
6	2.42	3.08	3.84	4.60	5.94	8.62	11.70	16.80	23.20	33.30	43.50
6½	2.50	3.20	4.00	4.80	6.20	9.00	12.20	17.50	24.10	34.50	45.00
7	2.58	3.32	4.16	5.00	6.46	9.38	12.70	18.20	25.00	35.70	46.50
7½	2.66	3.44	4.32	5.20	6.72	9.76	13.20	18.90	25.90	36.90	48.00
8	2.74	3.56	4.48	5.40	6.98	10.14	13.70	19.60	26.80	38.10	49.50
9	2.90	3.80	4.80	5.80	7.50	10.90	14.70	21.00	28.60	40.50	52.50
10	3.06	4.04	5.12	6.20	8.02	11.66	15.70	22.40	30.40	42.90	55.50
11	3.22	4.28	5.44	6.60	8.54	12.42	16.70	23.80	32.20	45.30	58.50
12	3.38	4.52	5.76	7.00	9.06	13.18	17.70	25.20	34.00	47.70	61.50
13	....	....	6.08	7.40	9.58	13.94	18.70	26.60	35.80	50.10	64.50
14	....	....	6.40	7.80	10.10	14.70	19.70	28.00	37.60	52.50	67.50
15	....	....	6.72	8.20	10.62	15.46	20.70	29.40	39.40	54.90	70.50
16	....	....	7.04	8.60	11.14	16.22	21.70	30.80	41.20	57.30	73.50
17	....	....	....	....	11.66	16.98	22.70	32.20	43.00	59.70	76.50
18	....	....	....	....	12.18	17.74	23.70	33.60	44.80	62.10	79.50
19	....	....	....	....	12.70	18.50	24.70	35.00	46.60	64.50	82.50
20	....	....	....	....	13.22	19.26	25.70	36.40	48.40	66.90	85.50
21	....	....	....	....	....	....	26.70	37.80	50.20	69.30	88.50
22	....	....	....	....	....	....	27.70	39.20	52.00	71.70	91.50
23	....	....	....	....	....	....	28.70	40.60	53.80	74.10	94.50
24	....	....	....	....	....	....	29.70	42.00	55.60	76.50	97.50
25	....	....	....	....	....	....	30.70	43.40	57.40	78.90	100.50
26	....	....	....	....	....	....	31.70	44.80	59.20	81.30	103.50
27	....	....	....	....	....	....	32.70	46.20	61.00	83.70	106.50
28	....	....	....	....	....	....	33.70	47.60	62.80	86.10	109.50
29	....	....	....	....	....	....	34.70	49.00	64.60	88.50	112.50
30	....	....	....	....	....	....	35.70	50.40	66.40	90.90	115.50

Bolts with Hexagon Heads or Hexagon Nuts, 10 per cent. extra; if both Hexagon Heads and Hexagon Nuts, 20 per cent. extra; Joint Bolts with Oblong Nuts, Bolts with Tee Heads, Askew Heads, and Eccentric Heads, 10 per cent. extra

Tire Bolts.

Common, list Dec. 28, 1899.
Phila., &c., list Oct. 7, 1884.

Inch.	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½	3¾	4	4¼	4½	4¾	5	5¼	5½	5¾	6
Common.																					
¼ & 3-16	\$0.60	.60	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	....	....	....	....	....	....	....	....
¼	.95	.95	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	....	1.75	....	....
5-16	1.40	1.40	1.40	1.40	1.47	1.54	1.61	1.68	1.75	1.82	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59
¾	2.20	2.20	2.20	2.20	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80
Philadelphia, Eagle Philadelphia, Norway Philadelphia.																					
¼	1.50	1.50	1.50	1.50	1.50	1.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3-16	1.50	1.50	1.50	1.50	1.60	1.65	1.75	1.80	1.90	2.00	2.05*	....	....	....	....	....	....	....	....	....	....
¼	....	1.90	2.00	2.15	2.25	2.40	2.50	2.65	2.75	2.90	3.00	3.15	3.25	....	3.55	....	....	....	....	....	....
5-16	....	....	2.70	2.85	3.05	3.20	3.35	3.50	3.65	3.80	3.95	4.10	4.25	....	4.55	....	4.90	....	....	....	....
¾	....	....	....	....	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	....	7.00	....	7.40	....	7.80	....	8.20

* Some lists, \$2.10.

Plow Bolts.

Length,	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
1 $\frac{1}{4}$ -----	\$1.70	2.00	2.60	3.50	4.50	5.70	8.90
1 $\frac{1}{2}$ -----	1.80	2.10	2.75	3.70	4.75	6.00	8.90
1 $\frac{3}{4}$ -----	1.90	2.20	2.90	3.90	5.00	6.30	9.20
2-----	2.00	2.30	3.05	4.10	5.25	6.60	9.50
2 $\frac{1}{4}$ -----	2.10	2.40	3.20	4.30	5.50	6.90	9.80
2 $\frac{1}{2}$ -----	2.20	2.50	3.35	4.50	5.75	7.20	10.10
2 $\frac{3}{4}$ -----	2.30	2.60	3.50	4.70	6.00	7.50	10.40
3-----	2.40	2.70	3.65	4.90	6.25	7.80	10.70
3 $\frac{1}{4}$ -----	2.50	2.80	3.80	5.10	6.50	8.10	11.00
3 $\frac{1}{2}$ -----	2.60	2.90	3.95	5.30	6.75	8.40	11.30
3 $\frac{3}{4}$ -----	2.70	3.00	4.10	5.50	7.00	8.70	11.60
4-----	2.80	3.10	4.25	5.70	7.25	9.00	11.90

Wrought Steel Bolts.

Peck, Stow & Wilcox Co
Sargent & Co.
Stanley Works.

Barrel.

P. S. & W. Co.	S. & Co.	S. Wks.	Inch.	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	6	7	8	9	10
---	355	406	---	---	\$1.25	1.50	---	1.75	---	2.00	2.25	---	---	---	---
65	365	1078	---	---	1.50	1.90	---	2.15	---	2.50	2.90	---	---	---	---
---	357	408	---	---	---	1.70	---	1.85	---	2.15	2.60	---	3.30	---	---
77	377	1086	---	---	---	2.05	---	2.35	---	2.80	3.30	---	6.00	---	---
67	367	1082	---	---	---	2.15	---	2.45	---	3.00	3.40	---	6.50	---	---
68	368	1080	---	---	---	2.25	---	2.60	---	3.15	3.60	---	6.75	---	---
	378	1081	---	---	---	---	---	---	---	---	---	---	---	---	---

Spring.

415	315	1150	---	\$1.10	1.20	1.35	1.60	1.80	2.10	2.25	2.70	---	---	---	---
417	317	1152	---	---	---	---	---	---	---	---	---	---	---	---	---

Square.

405	305	1088	---	---	\$2.00	---	---	2.50	---	2.65	2.85	3.75	4.00	4.35	6.50
407	307	1090	---	---	---	---	---	---	---	---	---	---	---	---	---
406	306	1092	---	---	---	---	---	---	---	---	---	---	---	---	---
408	308	---	---	---	---	---	---	\$3.25	---	3.40	3.60	4.75	5.25	6.00	8.00

Square Neck.

425	325	1154	---	---	\$1.20	1.35	1.60	1.80	2.10	2.25	2.70	---	---	---	---
-----	-----	------	-----	-----	--------	------	------	------	------	------	------	-----	-----	-----	-----

Shutter.

---	337	1114	---	---	---	---	---	\$1.55	---	---	1.65	1.90	2.15	2.40	2.65
---	338	1118	---	---	---	---	---	---	---	---	1.75	---	2.25	---	2.75
---	333	1110	---	---	---	---	---	---	---	---	2.75	3.00	3.38	3.75	4.25
---	335	1112	---	---	---	---	---	---	---	---	3.75	4.15	4.50	5.13	5.75

Wrought Brass Spring Bolts.

Sargent & Co.
Stanley Works

S. & Co.	S. Wks.	Inch.	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5
515	1151	---	---	---	---	---	---	---	---
517	1153	---	---	---	---	---	---	---	---
	1155	---	---	---	---	---	---	---	---
		---	\$2.25	2.70	3.25	4.00	4.30	5.15	5.40

Blacksmiths' Bellows.

Standard		Extra Long.	
Inch.		Inch.	
18 to 24....	\$10.00	24....	\$12.00*
26	11.00	26....	13.00*
28	12.00	28 ..	14.00
30	13.00	30....	15.00†
32	14.00	32....	17.00†
34	16.00	34....	19.00†
36	18.00	36 ...	21.00†
38	20.00	38 ...	24.00
40	23.00	40....	28.00
42	27.00	42....	34.00
44	32.00	44....	40.00†
		46 ...	45.00*
		48. ..	50.00
		50....	60.00

* Some makers' lists \$1.00 lower.

† Some makers' lists \$1.00 higher.

‡ Some makers' lists \$2.00 lower.

Steel Shelf Brackets. Per Doz.

Inch.	3x4	4x5	5x6	5x7	6x8	7x9	8x10	9x12	9x13	10x12	12x14
Japanned.....	\$0.96	1.36	2.20	2.40	3.00	3.60	4.20	6.00	6.00	6.00	9.00
Light Bronze, } Brass Plated, } Old Copper, } Nickel Plated, }	3.40	4.00	5.00	6.20	8.20	8.70	9.00	11.00	11.50	12.00	13.00

Roll and Sheet Brass

List June 6, 1898.
Per pound.

BROWN & SHARPE'S GAUGE STANDARD.

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Common } Wider than	2	12	14	16	18	20	22	24	26	28	30	32	34	36	38
High Brass, 1 and including	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
To No. 20 inclusive.....	.22	.23	.25	.27	.29	.31	.33	.36	.39	.42	.46	.50	.55	.60	.65
Nos. 21, 22, 23 and 24....	.22	.24	.26	.28	.30	.32	.34	.37	.40	.43	.47	.51	.56	.61	.68
Nos. 25 and 26.....	.23	.24½	.27	.29	.31	.33	.35	.38	.41	.44	.48	.52	.57	.63	.71
Nos. 27 and 28.....	.23	.25	.28	.30	.32	.34	.36	.39	.42	.45	.49	.53	.58	.65	.75

Add ½ cent per pound additional for each number thinner than Nos. 28 to 38 inclusive.

Add 7 cents per pound for sheets cut to particular lengths, not sawed, of proportionate width.

Brazing, Spinning and Spring Brass, 1 cent more than Common High Brass.

Extra Quality Brazing, Spinning and Spring Brass, 2 cents more than Common High Brass.

Low Brass, 4 cents per pound more than Common High Brass.

Gilding, Rich Gold Metal and Bronze, 7 cents per pound more than Common High Brass.

All segments, pattern sheets and irregular shape blanks shall be charged at a price which will represent actual metal used at full price, accounting for full amount of scrap made at association price, with full cost of labor added.

Circles cut from above metal of proportionate width, No. 10 and thinner, 6 cents per pound additional.

Circles cut from above metal of proportionate width, thicker than No. 10, 10 cents per pound additional.

Embossed metal, 4 cents extra.

Metal between gauges takes price of next thinner gauge.

Cast Butts. Per doz. pair.

Broad, Acorn, &c.					Narrow and Parliament.				
Size.		Broad L. or F. Joint, Loose Pin, Steeple or Ball Tip.	Japanned L. Pin or L. Jt., Steeple or Ball Tip.	Japanned L. Pin or L. Jt., Nickel Tip or Nickel Ball Tip.	Size.	Narrow F. Joint.	Narrow L. Joint.	Parliament.	
2	x	2	\$1.00	2.00	5.60	1 1/2	\$0.50	...	
2	x	2 1/2	1.10	2.15	5.80	1 3/4	.55	...	
2 1/2	x	2	1.20	2.30	6.00	2	.60	1.00	
2 1/2	x	2 1/2	1.35	2.50	6.20	2 1/4	.65	...	
2 1/2	x	3	1.50	2.65	6.30	2 1/2	.70	1.10	
3	x	2 1/2	1.60	2.80	6.40	2 3/4	.80	...	
3	x	3	1.75	3.00	6.50	3	.95	1.50	
3	x	3 1/2	1.95	3.25	7.00	3 1/4	1.00	...	
3 1/2	x	3	2.15	3.45	7.50	3 1/2	1.20	1.75	
3 1/2	x	3 1/2	2.35	3.70	8.00	3 3/4	1.30	...	
3 1/2	x	4	2.50	4.00	8.40	4	1.40	2.10	
4	x	3	2.50	...	...	4 1/2	1.90	2.60
4	x	3 1/2	2.70	4.25	8.80	5	2.30	3.25	
4	x	4	2.90	4.50	9.20	5 1/2	2.90	...	
4	x	4 1/2	3.20	5.00	9.50	6	3.50	...	
4	x	5	4.00	5.40	10.00	6 1/2	...	...
4	x	5 1/2	4.50	...	10.50	7	...	...
4 1/2	x	4	3.50	5.30	9.70	7 1/2	...	...
4 1/2	x	4 1/2	4.00	5.50	10.00	8	...	...
4 1/2	x	5	4.20	6.20	10.80	8 1/2	...	...
4 1/2	x	5 1/2	5.00	...	11.50	9	...	...
5	x	4 1/2	5.00	...	11.60	10	...	...
5	x	5	5.50	7.00	12.50				
5	x	5 1/2	5.70	7.50	13.00				
5	x	6	6.50	8.00	14.00				
5	x	7	7.25	...	15.00				
5 1/2	x	5	6.00	...	13.50				
5 1/2	x	5 1/2	6.50	8.50	14.00				
5 1/2	x	6	6.80	...	...		
6	x	5	6.75	...	...		
6	x	5 1/2	7.10	...	...		
6	x	6	7.60	10.50	16.00				
6	x	7	8.50	...	18.00				

Wrought Butts, Narrow, Blind, &c. List April 1 1895. Price per dozen pair.

Size.	Narrow.	Light Narrow.	Loose Pin, Light Narrow.	Narrow Loose Joint.	Back Flaps.	Square Back Flaps.	Table.	Light Inside Blind.	Light Inside Blind, L. P.	Light Inside Blind, Reveled Edge.	Parliament.	Parliament, Steeple or Ball Tips.	Light Parliament.	Size.
$\frac{3}{4}$	.....	\$0.40	.....	.....	\$0.70	.....	.....	.....	.....	.....	.....	.....	.....	$\frac{3}{4}$
$1\frac{1}{8}$	.....	.....	.....	.....	.75	.....	.....	.....	.....	.....	.....	.....	.....	$1\frac{1}{8}$
$1\frac{1}{4}$	\$0.40	.40	.....	.....	.80	\$0.75	.75	.60	\$0.55	\$1.00	.....	.....	.....	$1\frac{1}{4}$
$1\frac{1}{2}$	.50	.50	.....	.....	.90	.80	.80	.65	\$0.90	1.10	.....	.....	.....	$1\frac{1}{2}$
$1\frac{3}{4}$	.....	.....	.....	.....	1.00	.90	.90	.70	.95	1.20	.....	.....	.....	$1\frac{3}{4}$
$2\frac{1}{8}$	.65	.65	\$0.90	.....	1.10	1.00	1.00	.75	1.00	1.30	.....	.....	.....	$2\frac{1}{8}$
$2\frac{1}{4}$	.....	.....	.....	.....	1.20	1.05	1.05	.80	1.05	1.55	.....	.....	.....	$2\frac{1}{4}$
$2\frac{1}{2}$	.80	.80	1.00	.....	1.30	1.20	1.20	.....	.....	.....	.....	.....	.....	$2\frac{1}{2}$
$2\frac{3}{4}$	.90	.90	1.10	\$1.40	1.45	1.30	1.30	.95	.....	1.70	.....	.....	.....	$2\frac{3}{4}$
$3\frac{1}{8}$	1.05	1.05	1.25	1.55	1.70	1.40	1.40	.....	.....	.....	.....	.....	.....	$3\frac{1}{8}$
$3\frac{1}{4}$	1.10	1.10	1.45	1.70	2.35	2.10	.....	.....	.....	.....	\$1.70	\$3.50	\$1.60	$3\frac{1}{4}$
$3\frac{1}{2}$	1.30	1.30	1.55	2.00	3.40	3.00	.....	.....	.....	.....	.....	.....	.....	$3\frac{1}{2}$
$3\frac{3}{4}$	1.45	1.45	1.80	2.10	4.30	.....	.....	.....	.....	.....	2.00	4.00	1.90	$3\frac{3}{4}$
$4\frac{1}{8}$	1.70	1.70	2.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$4\frac{1}{8}$
$4\frac{1}{4}$	2.00	2.00	2.70	3.20	.....	.....	.....	.....	.....	.....	2.20	4.50	2.10	$4\frac{1}{4}$
$4\frac{1}{2}$	2.70	2.70	3.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$4\frac{1}{2}$
$4\frac{3}{4}$	2.85	2.85	3.70	3.90	.....	.....	.....	.....	.....	.....	2.50	5.00	2.40	$4\frac{3}{4}$
$5\frac{1}{8}$	3.70	3.70	4.40	.....	.....	.....	.....	.....	.....	.....	3.10	5.60	.....	$5\frac{1}{8}$
$5\frac{1}{4}$	4.60	4.60	5.50	.....	.....	.....	.....	.....	.....	.....	3.40	6.20	.....	$5\frac{1}{4}$
$5\frac{1}{2}$	6.00	6.00	7.50	.....	.....	.....	.....	.....	.....	.....	4.00	6.90	.....	$5\frac{1}{2}$
$5\frac{3}{4}$	7.10	7.10	8.85	.....	.....	.....	.....	.....	.....	.....	4.30	7.40	.....	$5\frac{3}{4}$
$6\frac{1}{8}$	11.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.60	8.90	.....	$6\frac{1}{8}$
$6\frac{1}{4}$	19.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.10	10.50	.....	$6\frac{1}{4}$
$6\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.70	12.50	.....	$6\frac{1}{2}$
$6\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.30	13.60	.....	$6\frac{3}{4}$
$7\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.50	15.00	.....	$7\frac{1}{8}$
$7\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.50	16.70	.....	$7\frac{1}{4}$
$7\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$7\frac{1}{2}$
$7\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$7\frac{3}{4}$
$8\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$8\frac{1}{8}$
$8\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$8\frac{1}{4}$
$8\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$8\frac{1}{2}$
$8\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$8\frac{3}{4}$
$9\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$9\frac{1}{8}$
$9\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$9\frac{1}{4}$
$9\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$9\frac{1}{2}$
$9\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$9\frac{3}{4}$
$10\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$10\frac{1}{8}$
$10\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$10\frac{1}{4}$
$10\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$10\frac{1}{2}$
$10\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$10\frac{3}{4}$
$11\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$11\frac{1}{8}$
$11\frac{1}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$11\frac{1}{4}$
$11\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$11\frac{1}{2}$
$11\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$11\frac{3}{4}$
$12\frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$12\frac{1}{8}$

Chest..... $1\frac{1}{2}$ inches, \$1.35; 2 inches, \$1.90
Pew Door. $1\frac{1}{2}$ " 1.20; 2 " 1.70
Wardrobe. $2\frac{1}{4}$ " 2.70.
German Pat.

Wrought Butts, Loose Joint, Broad, Reversible, etc., see next page.

Wrought Brass Butts. List September 22, 1896. Price per dozen pair.

Inches..	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$
Broad..	\$0.14	.16	.18	.20	.24	.27	.30	.34	.38	.42	.48	.52	.75	1.00	1.30	1.75	2.25	2.90
Middle..	.13	.15	.17	.19	.22	.24	.28	.30	.34	.38	.42	.46	.65	.85	1.15	1.50	2.00	2.60
Narrow	.12	.14	.15	.16	.20	.23	.25	.26	.30	.34	.38	.40	.56	.70	1.00	1.25	1.75	2.30
Desk....	.....	.20	.25	.30	.36	.42	.55	.60	.75	1.00	1.20	1.40	.....	.....	.....	.....	.....	.....

Wrought Butts, Loose Joint Broad, etc.

List April 1, 1895. Price per doz pair.

Size.			Loose Joint.	Broad.	Reversible.	Rev. Steeple or Ball Tips.	Light Reversible.	Lt. Rev. Ball Tips.
2	x	2	\$1.40	1.20	1.40	3.50	1.40	3.40
2	x	2 1/2	1.50	1.25	1.50	4.00	1.50	3.90
2	x	3	1.70	..	1.70	..	1.70	4.10
2 1/2	x	2	1.60	..	1.60	4.00	1.60	3.90
2 1/2	x	2 1/2	1.80	1.60	1.80	4.30	1.80	4.20
2 1/2	x	3	2.20	1.90	2.20	4.70	2.20	4.50
2 1/2	x	3 1/2	2.50	..	..	..	..	..
2 1/2	x	4	2.80	..	..	..	..	..
2 1/2	x	5	3.20	..	..	..	..	..
2 1/2	x	6	3.70	..	..	..	..	..
3	x	2 1/2	2.40	2.05	2.40	4.80	2.40	..
3	x	3	2.60	2.40	2.60	5.00	2.60	4.80
3	x	3 1/2	3.00	2.70	3.00	5.60	..	..
3	x	4	3.30	..	..	..	..	..
3	x	5	3.80	..	..	..	..	..
3 1/2	x	3	3.60	3.20	3.60	5.70	..	..
3 1/2	x	3 1/2	3.80	3.50	3.80	6.00	..	..
3 1/2	x	4	4.30	4.00	4.30	6.60	..	..
3 1/2	x	5	5.10	..	..	..	..	..
3 1/2	x	6	6.00	..	..	..	..	..
3 1/2	x	7	7.00	..	..	..	..	..
4	x	3	4.60	..	..	6.80	..	..
4	x	3 1/2	4.60	..	4.60	6.80	..	..
4	x	4	4.70	4.30	4.70	7.40	..	..
4	x	4 1/2	4.80	..	4.80	8.00	..	..
4	x	5	5.10	..	5.10	8.50	..	..
4	x	6	7.00	..	..	..	..	..
4 1/2	x	4	5.30	..	5.30	8.30	..	..
4 1/2	x	4 1/2	5.90	5.60	5.90	8.90	..	..
4 1/2	x	5	6.50	..	6.50	9.80	..	..
4 1/2	x	6	8.30	..	..	..	..	..
5	x	5	7.70	6.90	7.70	11.40	..	..
5	x	6	8.90	..	8.90	12.50	..	..
5	x	7	9.80	..	..	..	..	..
5 1/2	x	5 1/2	9.60	9.00	9.60	14.50	..	..
6	x	6	11.40	10.20	11.40	16.70	..	..
6	x	7	12.00	..	12.00	17.70	..	..
6	x	8	14.00	..	14.00	20.50	..	..
7	x	7	14.50	..	..	23.50	..	..
7	x	8	16.00	..	..	26.20	..	..
7	x	9	18.00	..	..	30.00	..	..
7	x	10	..	..	..	34.00	..	..
8	x	8	21.00	..	..	43.00	..	..
8	x	9	..	..	..	47.00	..	..
8	x	10	24.00	..	..	50.00	..	..

Three Fold Shutter, 1 1/2 x 2 1/4, \$4.15.

Wardrobe, 2 1/2 x 1 1/4, \$1.90.

Wrought Butts, Narrow, Blind, etc., see preceding page.



Rim Fire Cartridges.

Per 1000.

Black Powder.

Conical Ball Caps.....	\$4.50
22 Short.....	5.00
22 Short, Mushroom.....	5.50
22 Long.....	6.00
22 Long, Mushroom.....	6.50
22 Long Rifle.....	6.00
22 Long Rifle, Mushroom.....	6.50
22 Winchester.....	9.00
22 Extra Long.....	9.00
25 Stevens.....	14.00
30 Short.....	9.00
30 Short.....	10.00
32 Long.....	11.50
32 Long Rifle.....	11.50
38 Short.....	16.00
38 Long.....	18.00
41 Short.....	15.00
41 Short.....	17.50
44 Short.....	23.00
44 Long.....	25.00
44 Henry, Flat.....	24.00

46 Pistol, Short.....	\$25.00
46 Rifle, Long.....	33.00
56-46 Spencer Sporting.....	40.00
56-50 Spencer Carbine.....	40.00
56-52 Spencer Rifle.....	40.00
56-56 Spencer Carbine.....	40.00

Blank Rim Fire Cartridges.

22 Short.....	\$5.00
30 Short.....	9.00
32 Short.....	10.00
38 Short.....	16.00
41 Short.....	15.00
44 Short.....	23.00

Rim Fire Shot Cartridges.

B. B. Cap.....	\$8.00
22 Long.....	11.00
32 Long.....	22.00

38 Short.....	\$30.00
38 Long.....	34.00
44 Long.....	40.00
44 Henry.....	40.00
44 Short.....	40.00
56-50.....	42.00
56-52.....	42.00
56-56.....	42.00

Military Rim Fire Cartridges.

41 Swiss.....	\$30.00
45 Danish.....	30.00
50-70 Government.....	30.00
52 Carbine.....	30.00
58 Springfield.....	30.00
58 Miller.....	30.00
58 Carbine.....	30.00
58 Gatling.....	32.00
58 Joslyn.....	30.00

Lefauchaux Pin Fire Cartridges.

Per 1000

7 mm.....	\$15.00
9 mm.....	19.00
12 mm.....	23.00

Smokeless Cartridges.

Per 1000.

Rim Fire.

B. B. Caps.....	\$4.00
C. B. Caps.....	4.50
22 Short, Regular.....	6.25
22 Short, Ungreased.....	6.25
22 Short, Mushroom.....	6.75
22 Long, Regular.....	7.50
22 Long, Ungreased.....	7.50
22 Auto., Rifle Winchester Model '03.....	10.00
22 Winchester.....	10.00

Central Fire Pistol and Rifle.

25-20 Single Shot.....	\$21.00
25-20 Marlin & Winchester.....	19.00
30 Borchard, M.C. & S.P.....	26.00
30 Luger, M. C. & S. P.....	26.00
30 Mauser, M. C. & S. P.....	26.00
30 Mauser, in Clips, M. C. & S. P.....	34.00
32 S. & W., Long.....	13.50
32 Long Colt's.....	13.50
32 Auto., Colt's Pistol, M. C. & S. P.....	18.00
32-20 Winchester, Marlin & Colt's, M.C. & S.P.....	20.00
32 Colt's New Police.....	13.50
32 S. & W.....	12.00
38 S. & W.....	15.50
38 S. & W. Gallery, Round.....	14.50
38 Auto., Colt's Pistol, M. C. & S. P.....	26.00
38 S. & W., Special.....	18.50
38 Long Colt's.....	16.50

41 Long Colt.....	\$20.00
38-40 Winchester, Marlin & Colt's, M.C. & S.P.....	24.00
44-40 Winchester, Marlin & Colt's, M.C. & S.P.....	24.00
44 S. & W., Russian.....	22.00
45 Colt.....	24.50

Military and Sporting.

6 mm., U. S. Navy, M. C. & S. P.....	\$50.00
7 mm., Mauser, M. C. & S. P.....	50.00
8 mm., Manlicher, M. C. & S. P., in Clips.....	58.00
25-35 Winchester & Savage, M. C. & S. P.....	33.00
25-36 Marlin, M.C. & S. P.....	33.00
30-30 Winchester, Marlin & Savage, M.C. & S. P.....	38.00
25-35 Winchester, Short Range.....	30.00
30-30 Winchester, Short Range.....	30.00
30-220 Remington, M. C. & S. P.....	50.00
303-103 Savage, Miniature.....	30.00
303 Savage, M. C. & S. P.....	38.00
303 British, M. C. & S. P.....	50.00
30 U. S. Army, M.C. & S.P.....	50.00
32 Special (Winchester & Marlin), M.C. & S.P.....	38.00
32-40 Marlin & Savage High Power, M. C. & S. P.....	38.00

32-40 Winchester, M. C. & S. P.....	\$32.00
38-55 Winchester, Marlin & Savage, High Power, M. C. & S. P.....	46.00
38-56 Winchester, M. C. & S. P.....	40.00
38-70 Winchester, M. C. & S. P.....	43.00
38-72 Winchester, M. C. & S. P.....	43.00
40-60 Winchester, M. C. & S. P.....	40.00
40-65 Winchester, M. C. & S. P.....	40.00
40-70 Winchester, M. C. & S. P.....	43.00
40-72 Winchester, M. C. & S. P.....	43.00
40-82 Winchester, M. C. & S. P.....	43.00
43 Spanish, Lead.....	40.00
45-70-405 Government, M. C.....	42.00
45-70-432 Government, S. P.....	42.00
45-70-500 Government, M. C.....	45.00
45 Government, Short Range, Lead.....	30.00
45-90 Winchester, M. C. & S. P.....	43.00
50-110 Winchester, High Velocity, S. P.....	55.00
50-100-450 Winchester, M. C. & S. P.....	55.00

Central Fire Cartridges.

Per 1000.

Black Powder.

Pistol and Rifle.		38-44 S. & W. Gallery, Rd.		45 Colt's Round Ball.....	
22 Winchester Single Shot.....	\$15.00	Ball.....	\$19.00	450 Revolver.....	15.00
22 Extra Long.....	13.00	8 mm. Pieper (Metal Cased).....	24.00	50 Pistol.....	28.00
25-20 Marlin and Winch.....	16.00	38-44 S. & W. Target, Grooved.....	23.00	Blank Central Fire Cartridges.	
22-15 Stevens.....	16.00	38 Short, Colt's.....	13.50	32 S. & W.....	\$11.00
25-20 Stevens and Winch. Single Shot.....	18.00	38 Long, Colt D. A.....	14.50	38 S. & W.....	13.50
30 Rook.....	15.00	38 Extra Long.....	23.00	44 Webley.....	16.50
32 Protector.....	9.00	38 Winchester.....	19.00	44 W. C. F.....	19.00
32 Ideal.....	20.00	38 Colt's New Lightning.....	19.00	45 Colt.....	22.00
32 Short, Colt's.....	11.00	38-40 Marlin.....	19.00	45-70.....	35.00
32 Long, Colt's.....	12.00	41 Short Colt's Single or Double Action.....	15.00	50-70.....	37.00
32 Smith & Wesson.....	11.00	41 Long Colt's Double Action.....	17.50	Military and Sporting.	
32 S. & W. Long.....	12.00	44 Bull Dog.....	14.50	25-25 Stevens.....	\$22.50
32 S. & W. Gallery, Rd. Ball.....	10.00	44 Webley.....	16.50	32-40.....	27.00
32-44 S. & W. Gallery, Rd. Ball.....	18.00	44 Colt.....	20.00	38-55.....	33.00
32-44 S. & W. Target.....	19.00	44 S. & W. (American).....	19.00	38-56 Winchester, 1886.....	33.00
32 Long Rifle.....	12.00	44 S. & W. (Russian).....	20.00	38-70 Winchester, 1886.....	35.00
32 Colt, New Police.....	12.00	44 S. & W. (Rus.) Gallery.....	25.00	38-72 Winchester, 1895.....	34.00
32 Long, Colt's.....	12.00	44 S. & W. (Rus.) Gallery, Rd. Ball.....	22.00	40-60 Winchester.....	32.00
32 Extra Long.....	18.00	44 Winchester.....	19.00	40-60 Marlin.....	33.00
32 Winchester.....	16.00	44-40 Marlin.....	19.00	40-65 Winchester, 1886.....	33.00
32 H. & R., or M. H. & Co. Long Rifle.....	14.00	44 Evans (old).....	22.00	40-70 Winchester, 1886.....	36.00
32 Colt's New Lightning.....	16.00	44 Evans (new).....	26.00	40-72 Winchester, 1895.....	35.00
32 S. & W. Long Self Lubricating Bit.....	14.50	44 M., H. & Co.....	20.00	40-82 Winchester, 1886.....	36.00
32-20 Marlin.....	16.00	44 Long Ballard.....	22.00	40-75 Winchester, Express.....	38.00
32-30 Remington Grooved.....	25.00	44 Extra Long Wesson.....	30.00	45 Government.....	35.00
32 Ex. Long Ballard.....	18.00	44 Extra Long Ballard.....	30.00	45-60 Winchester.....	33.00
32 Ex. Long S. & W. Rifle.....	20.00	44 Colt's Lightning.....	19.00	45-75 Winchester.....	35.00
32 M., H. & Co.....	13.50	45 Colt, Army and Double Action.....	22.00	45-90 Winchester, 1886.....	36.00
38 S. & W.....	13.50	45 S. & W.....	25.00	45-85 Winchester, 1886.....	36.00
38 S. & W. Special.....	16.50	45 Webley.....	20.00	45-82 Winchester, 1886.....	36.00
38 S. & W. Gallery, Rd. Ball.....	12.50	45 Colt's, 28 Grains.....	22.00	45-85 Winchester, 1886, Express.....	38.00
				50-70 Musket.....	37.00

Shot Cartridges.

Per 1000.

Rim Fire.		32 M., H. & Co.....		50 Pistol.....	
B. B. Cap.....	\$8.00	32 Winchester.....	17.00	30 Rook.....	17.00
22-50 Long.....	11.00	32 Extra Long Ballard.....	20.00	Military and Sporting Sizes.	
32 Long.....	22.00	38 S. & W.....	14.50	<i>Central Fire.</i>	
32 Extra Long.....	30.00	38 Short Colt.....	14.50	32-40 Win. and Marlin.....	\$35.00
38 Short.....	30.00	38 Long Colt.....	15.50	38-55.....	40.00
38 Long.....	34.00	38 Extra Long.....	20.00	38-56 Winchester.....	40.00
44 Long.....	40.00	38 Winchester.....	20.00	40-65 Winchester.....	40.00
44 Henry.....	40.00	41 Long Colt.....	20.00	40-82 Winchester.....	40.00
44 Short.....	40.00	44 Webley.....	20.00	45-60 Winchester.....	40.00
56-50.....	42.00	44 Evans, N. M.....	30.00	45-75 Winchester.....	40.00
56-52.....	42.00	44 Long Ballard.....	30.00	45-90 Winchester.....	40.00
56-56.....	42.00	44 M., H. & Co.....	24.00	45-70 Marlin.....	40.00
		44 S. & W., Russian.....	24.00	45-40 Government.....	42.00
		44 S. & W., American.....	21.00	50-50 Government Carbine.....	40.00
		44 Winchester.....	20.00	50-70 Government.....	44.00
		44 Extra Long Wesson.....	35.00	50-95 Winchester.....	40.00
		44 X. I.....	21.00	50-110 Winchester.....	44.00
		45 Colt.....	30.00		
		45 S. & W.....	30.00		

Paper Shot Shells.

List January 1, 1902.
Per 1000.

BLACK POWDER.

BULK NITRO POWDER.

DENSE NITRO POWDER.

Gauge.		For Nitro	For Moderate	For Heavy	For Dense	For Moderate
		Powders.	Charges.	Charges.	Nitro.	Charges.
		<i>Union.</i>	<i>Magic.</i>	<i>Challenge.</i>	<i>Acme.</i>	<i>Monarch.</i>
		<i>New Rival.</i>	<i>Leader.</i>	<i>Repeater.</i>	<i>Leader, ¾</i>	<i>Repeater, ¾</i>
		<i>Climax.</i>	<i>Defiance.</i>	<i>Defiance.</i>	<i>in. Base.</i>	<i>in. Base.</i>
		<i>League.</i>	<i>New Rapid.</i>	<i>New Victor.</i>	<i>New Rapid.</i>	<i>Defiance.</i>
		<i>Quick Shot.</i>	<i>Ideal.</i>	<i>Blue Rival.</i>	<i>Premier.</i>	<i>High Gun.</i>
4	-----	-----	\$45.00	-----	\$45.00	-----
8-3¼ or under	-----	-----	25.00	-----	25.00	-----
8-over 3¼	-----	-----	28.00	-----	28.00	-----
10-3 to 3¼	-----	\$10.00	15.50	-----	15.50	-----
10-2¾	-----	9.00	14.50	\$11.00	14.50	\$11.00
10-2¾	-----	9.00	14.50	11.00	14.50	11.00
10-2¾	-----	9.00	14.50	11.00	14.50	11.00
12-2¾	-----	8.00	13.50	10.00	13.50	10.00
12-2¾ to 3	-----	9.00	14.50	11.00	14.50	11.00
14-2¾	-----	7.50	-----	9.50	-----	9.50
16-2¾	-----	7.50	13.50	9.50	13.50	9.50
16-2¾ to 3	-----	8.50	14.50	-----	14.50	-----
20-2½	-----	7.50	13.50	9.50	13.50	9.50
20-2¾ and 2¾	-----	8.50	14.50	10.50	20.00	-----
24-2½	-----	-----	-----	9.50	-----	-----
28-2½	-----	-----	-----	9.50	-----	-----
28-2¾	-----	-----	-----	10.50	-----	-----

Brass Shells.

First Quality.

Gauge.	Length.	Per 100
8	3½ to 3½ in..	\$20.00
8	3 in. or under.	18.00
10	2¾ to 3¼ in..	10.50
10	2¾ in.....	10.00
12	2¾ to 3¼ in..	10.50
12	2¾ and 2¾ in.	10.00
14	2¾ in.....	10.00
16	2¾ in.....	10.00
20	2-9-16 in.....	10.00

Club and Rival.

10	2½ to 2¾ in..	8.00
12	2½ to 2¾ in..	8.00

Grain Cradles.

List Aug. 1, 1903.
Per doz.

WOODS ONLY.

	Fingers.	Brace.	Ring Fastenings.	Loop Fastenings.
Turkey Wing,	4,	Wood or Wire	\$23.00	\$27.00
" "	5,	Wire	26.00	30.00
Dutch Bow,	4,	"	24.00	28.00
" "	5,	"	27.00	31.00
Morgan,	4,	Wood or Wire	24.00	28.00
Grape Vine,	4,	"	24.00	28.00
Grant's Pattern,	5,	Wire	28.00	32.00
Southern Pattern,	5,	"	32.50	36.50
" "	6,	"	36.50	40.50
" "	14,	Iron	40.00	44.00
Telegraph,	4,	Wood	24.00	28.00
Mulay,	4,	"	24.00	28.00
Regular Pattern,	14,	Iron	35.00	39.00

Casters. List Nov., 1903. Per set.

See also following page.

<i>Iron Horn Plate Casters.</i>	Nos. 1	2	3	4	5	6	7	8
Iron Wheels, Bronzed.....	\$0.14	.16	.18	.20	.24	.29	.38	.42
Maple Wheels.....	.10	.12	.14	.16	.20	.25	.34	.38
Porcelain Wheels.....	.14	.15	.16	.19	.24	.29	.38	.42
Lignumvitæ Wheels.....	.14	.16	.18	.22	.26	.33	.44	.48
Brass Wheels.....	.25	.28	.33	.42	.48	.60	.80	1.35
Applewood Wheels.....	.12	.14	.16	.19	.24	.29	.38	.42
Maple Wheels, Bushed.....	.14	.16	.18	.21	.24	.31	.41	.45

<i>Brass Horn Plate Casters.</i>								
Iron Plate, Brass Horn and Wheels.....	.33	.41	.51	.64	.72	.87	1.18	1.50
Porcelain Wheels.....	.24	.28	.34	.40	.44	.52	.65	.85
Lignumvitæ Wheels.....	.24	.30	.36	.43	.47	.56	.69	.90
Leather Wheels.....	.75	.76	.91	1.07	1.18	1.42	1.88	2.25

<i>All Brass Plate Casters.</i>								
Brass Plate Horn and Wheels.....	.45	.55	.60	.75	.90	1.10	1.50	1.75
Porcelain Wheels.....	.34	.38	.43	.52	.55	.67	.90	1.20
Lignumvitæ Wheels.....	.34	.42	.45	.55	.60	.75	1.00	1.25
Hard Rubber Wheels.....	.62	.72	.85	1.00	1.12	1.35	1.90	2.25
Soft Rubber Wheels.....	1.95	2.30	2.90	2.35	3.35	3.40	4.80	---
Leather Wheels.....	.87	.90	1.00	1.18	1.35	1.65	2.20	3.00

<i>Bedstead Casters, Bronzed.</i>	In. 1 No. 0	1 1	1 2	1 3	2 0	2 1	2 2	2 2 ½
Iron Wheels, All Iron.....	\$0.15	.16	.18	.20	.22	.23	.25	.42
Maple Wheels.....	---	.14	.16	.17	.19	.21	.23	.40
Maple Wheels, Bushed.....	---	.21	.23	.26	.28	.30	.33	---
Applewood Wheels.....	---	.15	.17	.18	.20	.22	.24	.41
Porcelain Wheels.....	---	.16	.18	.20	.22	.24	.26	---
Lignumvitæ Wheels.....	---	.22	.25	.28	.30	.32	.36	.55
Brass Wheels.....	---	.36	.38	.53	.60	.63	.70	1.45
Leather Wheels.....	---	1.00	1.25	1.50	1.75	2.00	2.25	---

<i>Globe Wheel Bedstead Casters.</i>	Inch	1 ½	2
Maple Wheels.....		\$0.20	.30
Maple Wheels, Bushed.....		.32	.42
Porcelain Wheels.....		.28	.40
Lignumvitæ Wheels.....		.34	.48
Applewood Wheels.....		.25	.35

<i>Philadelphia Pattern, Copper Bronzed.</i>	Nos. 1	2	3	4	5	6	7
Iron Horn and Wheels.....	\$0.14	.15	.17	.19	.21	.24	.30
Iron Horn and Iron Wheels, Brass Plated.....	.23	.25	.28	.34	.42	.50	.65
Lignumvitæ Wheels.....	.16	.17	.19	.22	.24	.26	.40
Porcelain Wheels.....	.14	.15	.17	.19	.21	.24	.30
Brass Wheels.....	.25	.28	.34	.42	.44	.58	.78
Maple Wheels.....	.10	.11	.13	.15	.17	.20	.26
Maple Wheels, Bushed.....	.16	.17	.18	.21	.22	.24	.37

<i>Philadelphia Pattern, Brass Horn.</i>							
Brass Horn and Wheels.....	\$0.37	.42	.51	.66	.70	.88	1.20
Lignumvitæ Wheels.....	.30	.31	.36	.46	.48	.56	.70
Hard Rubber Wheels.....	.58	.65	.75	.85	1.00	1.15	1.50
Porcelain Wheels.....	.28	.29	.34	.43	.45	.52	.65
Soft Rubber Wheels.....	1.50	1.80	2.00	2.50	2.75	3.00	4.00
Leather Wheels.....	.77	.82	.91	1.07	1.20	1.50	2.00

Casters.

See also preceding page.

Grip Neck Steel Horn Plate Casters.

		Nos. 20	30	40	50	60	70
Nickel or Brass Plated Horn and	Wheel	\$0.35	.38	.39	.42	.44	.52
" " " " " " Brass	"	.54	.55	.67	.78	.91	1.20
" " " " " " Bushed	"	.29	.30	.31	.32	.35	.37
" " " " " " Lignumvitæ	"	.30	.31	.33	.36	.39	.43
" " " " " " Rubber	"	.75	.80	.98	1.13	1.31	2.10
" " " " " " Soft Rubber	"	1.31	1.45	1.75	2.12	2.50	3.30
" " " " " " Leather	"	1.02	1.09	1.20	1.39	1.57	2.00

		Nos. 20	30	40	50	60	70
Steel Horn, Iron	Wheel	\$0.21	.22	.24	.26	.28	.33
" " Brass	"	.46	.49	.61	.70	.83	1.15
" " Porcelain	"	.21	.22	.24	.26	.28	.29
" " Lignumvitæ	"	.22	.23	.25	.28	.31	.36
" " Maple	"	.19	.20	.21	.22	.23	.25
" " Bushed	"	.21	.22	.23	.24	.27	.30
" " Brass Plated	"	.30	.32	.34	.36	.40	.46

Note—The above list includes Socket and Track Plate.

Grip Neck Steel Horn Bed Casters.

		Inch	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2
Nickel or Brass Plated Horn and	Wheel	\$0.44	.47	.52	.49	.55	
" " " " " " Lignumvitæ	"	.39	.42	.47			
" " " " " " Bushed	"	.35	.36	.40			

		Inch	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2
Steel Horn, Iron	Wheel	\$0.28	.30	.34	.25	.28	
" " Lignumvitæ	"	.31	.35	.39	.29	.38	
" " Maple	"	.23	.25	.26	.22	.25	
" " Bushed	"	.27	.29	.32	.25	.28	
" " Brass Plated	"	.40	.43	.46			

Note—The above list includes Socket and Track Plate.

Chisels.

	Inches.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Socket Firmer...	\$8.00	\$8.00	\$8.00	\$9.00	\$10.00	\$11.00	\$11.00	\$12.00	\$13.00	\$13.00	\$14.00	\$15.00	\$16.00	
Socket Framing..	12.00	12.00	12.00	13.00	14.00	15.00	16.00	18.00	18.00	20.00	22.00	24.00		
Socket Corner....				22.00*	24.00†	28.00	30.00	32.00	34.00	36.00				
Tang Firmer.....	2.00	2.00	2.13	2.25	2.60	2.75	3.00	3.50	4.50	5.00	6.00	7.50	9.00	

* Some makers' lists, \$24.00.

† Some makers' lists, \$26.00.

Carpenters' Slicks.

Inches. . . .	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4
	\$40.00	\$44.00	\$52.00	\$56.00	\$60.00

Gouges.

	Inches.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2
Socket Firmer....	\$5.00	\$5.75	\$6.00	\$7.00	\$8.00	\$8.50	\$9.00	\$9.50	\$10.50	\$11.50	\$12.00	\$13.00	
Tang Firmer.....	2.25	2.50	2.63	2.88	3.00	3.25	3.50	4.50	6.00	7.50	10.00	12.00	

Unhandled.

CHAINS, TRACES, ETC.

Cow Ties.

Open and Shut Ring Patterns with T Bar.

List May 15, 1903.

Feet.	No.	Open Ring and T. Per Doz.	Closed Ring and T. Per Doz.
3	6 or 2-0	\$3.75	\$3.40
3	5 " 3-0	3.90	3.65
3	4 " 4-0	4.10	3.80
3½	6 " 2-0	4.00	3.60
3½	5 " 3-0	4.15	3.85
3½	4 " 4-0	4.35	4.00
4	6 " 2-0	4.25	3.80
4	5 " 3-0	4.50	4.15
4	4 " 4-0	4.75	4.30
4	3 " 5-0	5.20	4.65
4	2 " 6-0	6.00	---
4½	6 " 2-0	4.75	4.10
4½	5 " 3-0	5.00	4.45
4½	4 " 4-0	5.25	4.55
4½	3 " 5-0	5.60	5.00
5	2 " 6-0	6.30	---
5	0 " 8-0	7.50	---
6	2 " 6-0	6.60	---

Snaps, 20c. per dozen net extra.

OHIO PATTERN.

List May 15, 1903.

Feet.	No.	No.	No.	No.
	6 or 2-0	5 or 3-0	4 or 4-0	3 or 5-0
4½	\$3.70	\$3.90	\$4.15	\$4.90
5	3.90	4.10	4.40	5.20
5½	---	---	4.75	5.75
		No.	No.	5-16 in.
		2 or 6-0	1 or 7-0	or 8-0.
4½	---	\$5.50	\$6.50	---
5	---	6.00	7.00	---
5½	---	6.50	7.50	\$8.00
6	---	7.00	8.00	---

Snaps, 20c. per dozen net extra.

Baltimore Tug Chain.

List May 15, 1903.

American Size.	English Size.	Per Pair.
16 inch, 6, 3-----	16 inch, 8, 2-----	22 cts.
16 " 6, 2-----	16 " 8, 1-----	25 " "
16 " 6, 1-----	16 " 8, 0-----	34 " "

Tug Chains—Twist.

List May 15, 1903.

American or Exact Size. Inch.	English Size. Inch.	Per Pair.
18, 8, 3-----	18, 10, 2-----	\$0.30
18, 10, 3-----	18, 12, 2-----	.35
18, 8, 2-----	18, 10, 1-----	.35
18, 10, 2-----	18, 12, 1-----	.40
16, 6, 1-----	16, 8, 0-----	.34
16, 8, 1-----	16, 10, 0-----	.38
16, 10, 1-----	16, 12, 0-----	.43
18, 6, 1-----	18, 8, 0-----	.35
18, 8, 1-----	18, 10, 0-----	.43
18, 10, 1-----	18, 12, 0-----	.48
18, 10, 1 ⁵ / ₈ -----		.45

Breast Chain.

With T Bar.

List May 15, 1903.

American Size. Inch.	English Size. Inch.	Per Pair.
26, 10, 3-----	26, 12, 2-----	\$0.55
27, 10, 3-----	27, 12, 2-----	.57
30, 10, 3-----	30, 12, 2-----	.63
26, 10, 2-----	26, 12, 1-----	.65
27, 10, 2-----	27, 12, 1-----	.67
30, 10, 2-----	30, 12, 1-----	.73
27, 8, 3-----	27, 10, 2-----	.50
27, 9, 3-----		.54
27, 9, 1 ⁵ / ₈ -----		.85
28, 9, 1 ⁵ / ₈ -----		.90
30, 9, 1 ⁵ / ₈ -----		1.00
24, tapered 1 ⁵ / ₈ to 1 ¹ / ₄		.70
27, tapered 1 ⁵ / ₈ to 1 ¹ / ₄		.75
30, tapered 1 ⁵ / ₈ to 1 ¹ / ₄		.84
34, tapered 1 ⁵ / ₈ to 1 ¹ / ₄		.95
27, tapered 3 ⁵ / ₈ to 1 ⁵ / ₈		1.10
30, tapered 3 ⁵ / ₈ to 1 ⁵ / ₈		1.25
34, tapered 3 ⁵ / ₈ to 1 ⁵ / ₈		1.45
24, double slack twist		.90
27, double slack twist		.95
30, double slack twist		1.15
27, Starr stiff		1.20

Snaps one end, 8c. net per pair extra.

Wrought T Bars, 4c. net per pair extra.

Breast Chains, with Malleable Slides,
25c. per dozen pair net extra.

Breast Chain, Penn'a Pattern.

Bright or Black, with T Bar.

List May 15, 1903.

		Per Pair.
26-inch $\frac{5}{16}$ inch iron, double twist,		\$1.75
26-inch $\frac{1}{4}$ inch iron, double twist,		1.50
26-inch $\frac{5}{16}$ inch iron, single twist,		2.50
26-inch $\frac{3}{8}$ inch iron, single twist,		2.50

Cart Back Chain.

Bright or Black.

List May 15, 1903.

		—Per Dozen.—	
Feet.	Inch.	1 Swivel.	2 Swivels.
4	$\frac{1}{4}$	Double \$10.50	\$11.25
4	$\frac{5}{16}$	Single 9.00	9.50
4½	$\frac{1}{4}$	Double 12.00	12.75
4½	$\frac{5}{16}$	Single 9.50	10.00
4	2	" 8.00	8.50
4½	2	" 8.90	9.40
4½	$\frac{3}{8}$	" 13.25	14.00
4½	$\frac{1}{8}$	Double 19.50	20.25
4	$\frac{5}{16}$	" 16.25	17.00
4	$\frac{3}{8}$	Single 11.75	12.50

Stake Chain.

With Large Ring, Swivel and Hook.

List May 15, 1903.

American or Exact Size.	English Size.	Per Pair
6½ feet, 8, 4--6½ feet	10, 3-----	\$1.00
6½ " 8, 3--6½ "	10, 2-----	1.05
6½ " 8, 2--6½ "	10, 1-----	1.25
6½ " 10, 4--6½ "	12, 3-----	1.15
6½ " 10, 3--6½ "	12, 2-----	1.20
6½ " 10, 2--6½ "	12, 1-----	1.40
6½ " 8, $\frac{5}{16}$ --6½ "	8, 0 exact	1.65
5½ " 8, 4--5½ "	10, 3-----	.95

For every ½ foot over 6½ feet, add 7 cents net per pair extra.

Twist Link 2 cents net per pair extra.

Wagon Chain. Per Pound.

List May 15, 1903.

	$\frac{1}{4}$ in.	$\frac{5}{16}$ in.	$\frac{3}{8}$ in.
Stay-----	\$0.15	\$0.13	\$0.12½
Tongue-----	.15	.13	.12½
Lock-----	.16	.14	.13½
Stretcher-----	.17	.15	.14½
Fifth-----	.17	.15	.14½

Wire Chains. List Sept. 16, 1901.

Halter and Dog Chains, per Doz.

No.	4½ ft.	6 ft.
6/0-----	\$5.75	\$7.50
5/0-----	5.00	6.10
4/0-----	4.25	5.30
3/0-----	3.50	4.50
2/0-----	3.00	3.85
0-----	2.65	3.35
1-----	2.30	3.00
2-----	2.05	2.70
3-----	1.85	2.50
4-----	1.75	2.35
5-----	1.70	2.25
6-----	1.65	2.15
7-----	1.65	2.10
9-----	1.65	2.10

Add 70 cents per doz. to list for nickeling.

Add 70 cents per doz. to list for two snap halters.

Coil Chain, per 100 ft.

No.	No.
6/0-----\$9.00	2-----\$3.10
5/0-----7.50	3-----2.90
4/0-----6.50	4-----2.75
3/0-----5.25	5-----2.65
2/0-----4.50	6-----2.55
0-----4.00	7-----2.50
1-----3.50	8-----2.50

Pennsylvania Pattern Halter Chains.

List May 15, 1903.

Per Doz.

4½ ft. long—Black with two T Bars.

3-16 Iron Twisted, Short Links.....	\$6.50
3-16 Iron Straight, Short Links.....	6.50
3-16 Iron Twisted, Long Links.....	5.00
No. 4 Wire, Short Links.....	7.25
No. 4 Wire, Long Links.....	5.75

Snap, 20 cents per doz. net extra.

Well Chains. Each.

List May 15, 1903.

With Ring, S Hook and Swivel.

American or Exact Size. Inch.	English Size. Inch.	
30 6, 4-----	30 8, 3-----	\$0.19
36 6, 4-----	36 8, 3-----	.21
30 8, 4-----	30 10, 3-----	.22
36 8, 4-----	36 10, 3-----	.26
30 6, 3-----	30 8, 2-----	.22
36 6, 3-----	36 8, 2-----	.24
30 8, 3-----	30 10, 2-----	.25
36 8, 3-----	36 10, 2-----	.29
30 6, 2-----	30 8, 1-----	.27
36 6, 2-----	36 8, 1-----	.30
30 8, 2-----	30 10, 1-----	.31
36 8, 2-----	36 10, 1-----	.34

Tailboard Chain.

List May 15, 1903. Per Foot.

Bright or Self Color. Twist Link.

Of 3-16 inch Iron	\$0.09½
Of 1-4 inch Iron .....	.10
Of 5-16 inch Iron .....	.14
Of 3-8 inch Iron .....	.22

Chin Chains.

List May 15, 1903.

Per Doz.

Double No. 9 Wire.....	\$4.50
Single No. 6 Wire.....	2.00

Rein Chain. Per Pair.

List May 15, 1903.

With Snap and Triangle—Bright.

12 inch 9-----	\$0.27
18 " 9-----	.34
24 " 9-----	.41
30 " 9-----	.48
36 " 9-----	.55
42 " 9-----	.62
48 " 9-----	.69

Jockey Stick Chains.

List May 15, 1903. Per Doz. Pair.

Single Twist, 3-16 Iron....	\$4.00
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Express Chains. With Clip.

List May 15, 1903. Per Pair.

Links.	No. Iron.	
5	3-----	\$0.38
6	3-----	.40
5	1-----	.43
6	1-----	.45
9	3 { 5 long and 4 short links....	.50

Long Traces. Per Pair.

List May 15, 1903.

Bright or Black—Straight Links.

American or Exact Size. Feet.	English Size. Feet.		American or Exact Size. Feet.	English Size. Feet.	
6½, 6, 4	6½, 8, 3--	\$0.74	7, 6, 4	7, 8, 3--	\$0.80
6½, 8, 4	6½, 10, 3--	.86	7, 8, 4	7, 10, 3--	.93
6½, 10, 4	6½, 12, 3--	1.00	7, 10, 4	7, 12, 3--	1.08
6½, 12, 4	6½, 14, 3--	1.15	7, 12, 4	7, 14, 3--	1.25
6½, 14, 4	6½, 16, 3--	1.35	7, 14, 4	7, 16, 3--	1.45
6½, 6, 3	6½, 8, 2--	.80	7, 16, 4	7, 18, 3--	1.70
6½, 8, 3	6½, 10, 2--	.90	7, 6, 3	7, 8, 2--	.89
6½, 10, 3	6½, 12, 2--	1.05	7, 8, 3	7, 10, 2--	1.01
6½, 12, 3	6½, 14, 2--	1.20	7, 10, 3	7, 12, 2--	1.15
6½, 14, 3	6½, 16, 2--	1.45	7, 12, 3	7, 14, 2--	1.36
6½, 16, 3	6½, 18, 2--	1.85	7, 14, 3	7, 16, 2--	1.65
6½, 18, 3	6½, 20, 2--	2.20	7, 16, 3	7, 18, 2--	2.00
6½, 6, 2	6½, 8, 1--	1.00	7, 18, 3	7, 20, 2--	2.50
6½, 8, 2	6½, 10, 1--	1.12	7, 6, 2	7, 8, 1--	1.10
6½, 10, 2	6½, 12, 1--	1.25	7, 8, 2	7, 10, 1--	1.25
6½, 12, 2	6½, 14, 1--	1.40	7, 10, 2	7, 12, 1--	1.40
6½, 14, 2	6½, 16, 1--	1.65	7, 12, 2	7, 14, 1--	1.60
6½, 16, 2	6½, 18, 1--	2.00	7, 14, 2	7, 16, 1--	1.90
			7, 16, 2	7, 18, 1--	2.30
			7, 6, 1	7, 8, 0--	1.30
			7, 8, 1	7, 10, 0--	1.45
			7, 10, 1	7, 12, 0--	1.70
			7, 12, 1	7, 14, 0--	2.00
			7, 14, 1	7, 16, 0--	2.40

T Bar Hooks or T Hooks 2 cents net per pair extra. Traces with 5 end links, 3 cents net per pair extra; with 3 end links, 5 cents net per pair extra; with 6-2 in. end links, 4 cents net per pair extra.

Add 2 cents net per pair for 6 to 12 Twist Link and 4 cents net per pair for 14 to 20 link, English Standard.

Wrought Hook, T Hook or T Bar, 6 cents net per pair extra.

Short Traces—Straight Links.

List May 15, 1903. Per Pair.

Exact Sizes.

Length in Inches.	Links per Foot.	No.	Hook and Ring.	Two Hooks.
18	8	4	\$0.50	\$0.56
18	8	3	.52	.58
18	8	2	.60	.65
18	10	3	.57	.63
24	8	4	.59	.65
24	8	3	.60	.66
24	10	3	.64	.70
24	8	2	.64	.70
24	10	2	.67	.73
30	8	4	.63	.69
30	8	3	.66	.72
30	8	2	.70	.76
30	10	3	.70	.76
30	10	2	.74	.80
36	8	4	.68	.74
36	8	3	.71	.77
36	8	2	.74	.80
36	8	1	.82	.88
36	10	3	.74	.80
36	10	2	.80	.86
36	10	1	.90	.96
36	8	5-16 in.	.98	1.04
36	10	5-16 in.	1.04	1.10

Twisted Traces, 2 cents per pair net extra. Snap on one end, 8 cents per pair net extra. Wrought Hook, one end, 4 cents per pair net extra. Wrought Hook, two ends, 8 cents per pair net extra.

Yankee Traces. Per Pair.

List May 15, 1903.

Bright or Self Color.

EXACT SIZES.

Links per Foot.	No.	With Rings and Clips.		With Rings and Long Links	
		42 in.	36 in.	42 in.	36 in.
12	2	\$1.10	\$1.05	\$1.00	\$0.95
12	3	1.00	.95	.90	.85
12	4	.95	.90	.85	.80
14	2	1.30	1.15	1.20	1.05
14	3	1.20	1.05	1.10	.95
14	4	1.10	1.00	1.00	.90
16	2	1.65	1.50	1.55	1.40
16	3	1.40	1.30	1.30	1.20
16	4	1.30	1.15	1.20	1.05
18	2	1.75	1.65	1.65	1.55
18	3	1.65	1.50	1.55	1.40
18	4	1.50	1.40	1.40	1.30

With Snaps in place of Clips, 8 cents per pair net extra.

South Jersey Traces.

List May 15, 1903. Per Pair.

Twisted Links with Swivel and Two Hooks.

Inch.	Links Per Foot.	No.	
36	12	3	----- \$0.95
36	12	4	----- .90
42	12	3	----- 1.00
42	12	4	----- .95
42	10	4	----- .90
36	9	3	----- .90

With Clip and Ring, 10 cents per pair net extra. With Hook and Snap, 8 cents per pair net extra. Wrought Hook, one end, 4 cents per pair net extra. Wrought Hook, two ends, 8 cents per pair net extra.

Wagon Chains—Close Link

List May 15, 1903. Per Pair.

Black or Self Color.

	Inch.	Iron.	
Tongue	30	3/8	----- \$3.50
Tongue	32	11-32	----- 3.00
Tongue	34	5-16	----- 2.75
Stay	28	3/8	----- 2.00
Stay	28	5-16	----- 1.50

Fifth Chains. Each.

List May 15, 1903.

Black or Self Color—Close Link.

Iron.		
3-8	Straight	----- \$9.00
5-16	Straight	----- 8.75
3-8	Twisted	----- 10.00
5-16	Twisted	----- 9.50

Spreader Chain.

List May 15, 1903.

With Three Hooks—Black or Self Color.

Inch.		
3-8	Iron Close Links Straight for 2 Horse	----- \$4.60
5-16	Iron Close Links Straight for 1 Horse	----- 4.40
5-16	Iron Double Twist for 2 Horse	----- 5.20

Soft Tissues

Soft Tissues

Soft Tissues

Soft Tissues

Soft Tissues

Soft Tissues

Stage Traces with Clip.

Per Pair.

Bright or Self Color.

List May 15, 1908.

Plain T Bar on 16 and 18 Links Per Foot; Hook T Bars on Others.

American or Exact Size. Links per foot.	No.	English Size. Links per foot.	No.	24 in.	30 in.	36 in.	42 in.
8,	1	10,	0	\$0.80	\$0.85	\$0.95	\$1.05
8,	2	10,	1	.75	.80	.85	.95
8,	3	10,	2	.70	.75	.80	.85
10,	1	12,	0	.85	.95	1.05	1.15
10,	2	12,	1	.80	.85	.90	1.00
10,	3	12,	2	.75	.80	.85	.90
10,	4	12,	3	.65	.70	.75	.85
10,	5	12,	4	.60	.65	.70	.80
12,	2	14,	1	.90	.95	1.05	1.10
12,	3	14,	2	.85	.90	.95	1.00
12,	4	14,	3	.75	.80	.90	.95
12,	5	14,	4	.70	.75	.85	.90
14,	2	16,	1	.90	1.00	1.15	1.30
14,	3	16,	2	.85	.95	1.05	1.20
14,	4	16,	3	.80	.85	1.00	1.10
14,	5	16,	4	.75	.80	.85	1.00
16,	2	18,	1	1.25	1.30	1.50	1.65
16,	3	18,	2	1.10	1.20	1.30	1.40
16,	4	18,	3	.95	1.05	1.15	1.30
16,	5	18,	4	.85	.90	1.00	1.15
18,	2	20,	1	1.35	1.40	1.65	1.75
18,	3	20,	2	1.20	1.30	1.50	1.65
18,	4	20,	3	1.10	1.20	1.40	1.50
18,	5	20,	4	1.10	1.15	1.25	1.40

With Snap, Clip and Ring, 18c. net per pair extra.

With Snap, 8c. net per pair extra.

Wrought T Hook or T Bar 4c. net per pair extra.

BUCKEYE STAGE TRACES—

With Clips. Same List as Above.

Stiff Traces. Per Pair.

Black, Straight Link.

List May 15, 1908.

American or Exact Size.
Feet.

6½,	22,	3	-----	\$5.50
7,	22,	3	-----	6.00
36 in.,	22,	3	-----	2.75
42 "	22,	3	-----	3.25

Half Traces or Butt Chain.

With Ring—Straight Link.

Per Pair.

List May 15, 1908.

American or Exact Size. Links.	English Size. Links.	2 ft.	2½ ft.	3 ft.	3½ ft.
8,	1	10,	0	\$0.80	\$0.90
8,	2	10,	1	\$0.46	.54
8,	3	10,	2	.44	.50
10,	1	12,	0	---	.90
10,	2	12,	1	.58	.64
10,	3	12,	2	.50	.58
12,	2	14,	1	.70	.80
12,	3	14,	2	.60	.70
14,	2	16,	1	.80	.90
14,	3	16,	2	.70	.80
16,	3	18,	2	.85	.95
18,	3	20,	2	1.00	1.10

No. 4 American or No. 3 English, same list as No. 3 American.

Twisted Link, 1c. net per pair extra for 10 link and longer. Twisted Link, 2c. net per pair extra for 12 link and shorter. American sizes.

Hooks, T Hooks or T Bars, 2c. net per pair extra.

Wrought Hooks, T Hooks or T Bars, 6c. net per pair extra.

German Chains. List July 24, 1897.

	No.	6/0	5/0	4/0	3/0	2/0	0	1	2	3	4	5	6
<i>Halter:</i> (per doz.)													
4½ feet.....				\$9.00	7.80	6.80	5.80	5.00	4.70	4.50	4.30	4.20	4.20
6 ".....				12.50	9.80	8.60	7.40	6.80	6.20	5.80	5.70	5.60	5.60
<i>Coil, Twist and</i>													
<i>Straight</i> (p. 100 ft.)		18.00	15.50	13.00	11.00	10.00	8.80	7.80	7.20	6.80	6.60	6.50	6.50
<i>Machine Chain.</i>		21.00	18.00	15.00	14.00	13.00	12.50	12.00	11.50	11.00	10.80	10.80	....

Basin, Bath and Wash Tray Chains. List Jan. 10, 1900. Per box of 12 lengths.

	No. 00	Brass			Including Snaps.			Silvered or Nickel Plated			
		0	1	2	00	0	1	2			
Basin	\$0.95	1.00	1.20	---	1.00	1.05	1.25	---			
Bath	---	1.35	1.60	1.80	---	1.42	1.82	2.02			
Wash Tray	---	1.25	1.40	1.55	---	1.31	1.61	1.67			

Jack Chain. List July 10, 1893.

<i>Single</i>																								
Nos..	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
Iron.....	\$1.60	1.30	1.05	.95	.90	.80	.55	.44	.42	.40	.35	.30	.30	.28	.27	.26	.25	.25	.25	.25				
Brass.....	10.00	8.00	6.35	5.25	4.25	3.50	2.55	2.05	1.70	1.35	1.00	.86	.82	.60	.54	.50	.45	.40	.40	.40				
Nickeled or Silvered..	12.50	10.00	7.94	6.56	5.31	4.37	3.19	2.56	2.12	1.69	1.25	1.07	1.02	.94	.67	.62	.56	.50	.50	.50				
<i>Double:</i>																								
Iron.....						.95	.75	.65	.60	.55	.43	.38	.34	.35	.33	.33	.33	.33	.33	.33				
Brass.....						4.25	3.45	3.00	2.15	1.90	1.50	1.20	1.00	.75	.65	.62	.60	.60	.60	.60				
Nickeled or Silvered..						5.31	4.31	3.75	2.69	2.37	1.87	1.50	1.25	.94	.81	.77	.75	.75	.75	.75				

Safety and Plumbers' Chains. List Jan. 10, 1900.

Safety Chains, per 12 yards:

	000	00	0	1	2	3	4
Brass.....	\$1.15	1.25	1.50	1.85	2.30	3.15	3.65
Silvered.....	1.20	1.30	1.55	1.90	2.40	3.25	3.75
Nickeled.....	1.20	1.30	1.55	1.90	2.40	3.25	3.75

Plumbers' Chains, per 12 yards:

Brass.....	1.15	1.25	1.50	1.85	2.30	3.15	3.65
Silvered.....	1.20	1.30	1.55	1.90	2.40	3.25	3.75
Nickeled.....	1.25	1.35	1.60	1.95	2.40	3.25	3.75

Safety Chains, per 100 feet:

Brass.....	3.30	3.60	4.30	5.20	6.40	9.00	10.30
Silvered.....	3.40	3.70	4.40	5.30	6.60	9.20	10.50
Nickeled.....	3.40	3.70	4.40	5.30	6.60	9.20	10.50

Plumbers' Chains, per 100 feet:

Brass.....	3.30	3.60	4.30	5.20	6.40	9.00	10.30
Silvered.....	3.40	3.70	4.40	5.30	6.60	9.20	10.50
Nickeled.....	3.40	3.70	4.40	5.30	6.60	9.20	10.50

8. The 2nd and 3rd of the 1st

1. The 1st of the 1st

2. The 2nd of the 1st

3. The 3rd of the 1st

4. The 4th of the 1st

5. The 5th of the 1st

6. The 6th of the 1st

7. The 7th of the 1st

8. The 8th of the 1st

9. The 9th of the 1st

10. The 10th of the 1st

11. The 11th of the 1st

12. The 12th of the 1st

13. The 13th of the 1st

14. The 14th of the 1st

15. The 15th of the 1st

16. The 16th of the 1st

17. The 17th of the 1st

18. The 18th of the 1st

19. The 19th of the 1st

20. The 20th of the 1st

Norway Axle Clips.

$\frac{3}{8}$ Inch Wide, 5-16 Inch Shank.		Wide Point Center, 5-16 Inch Shank.		$1\frac{1}{4}$ Inch Wide, $\frac{3}{8}$ Inch Shank.	
Flat Part.		Flat Part.		Flat Part.	
Inches Long.	Per Doz.	Inches Long.	Per Doz.	Inches Long.	Per Doz.
$2\frac{1}{4}$	\$0.80	$2\frac{1}{4}$	\$0.80	$2\frac{1}{2}$	\$1.00
$2\frac{1}{2}$	.80	$2\frac{3}{4}$	.80	$2\frac{3}{4}$	1.00
$2\frac{3}{4}$	.80	$3\frac{1}{4}$	.80	3	1.00
3	.80	$3\frac{1}{2}$	.80	$3\frac{1}{4}$	1.00
$3\frac{1}{4}$	.80	$3\frac{3}{4}$	.80	4	1.00
$3\frac{1}{2}$	.80	4	.85	$4\frac{1}{2}$	1.00
$3\frac{3}{4}$	.80	$4\frac{1}{4}$	.85	5	1.15
4	.85	$4\frac{1}{2}$	1.00	$5\frac{1}{2}$	1.25
$4\frac{1}{4}$	.85	$4\frac{3}{4}$	1.00	6	1.40
$4\frac{1}{2}$	1.00	5	1.15	$6\frac{1}{2}$	1.75
$4\frac{3}{4}$	1.00	$5\frac{1}{4}$	1.15	7	2.00
5	1.15	6	1.35	$7\frac{1}{4}$	2.25
$5\frac{1}{4}$	1.15	---	---	8	2.25
$5\frac{1}{2}$	1.20	---	---	---	---
6	1.35	---	---	---	---

Axle Clips—Second Grade, Eagle, Superior, Etc.

$\frac{3}{8}$ Inch Wide, 5-16 Inch Shank.		Heavy, $1\frac{1}{4}$ Inch Wide, $\frac{3}{8}$ Inch Shank.	
Flat Part.		Flat Part.	
Inches Long.	Per Doz.	Inches Long.	Per Doz.
2	\$0.70	3	\$1.00
$2\frac{1}{4}$	.70	$3\frac{1}{2}$	1.00
$2\frac{3}{8}$	.70	4	1.00
$2\frac{1}{2}$	.70	$4\frac{1}{2}$	1.15
3	.70	5	1.30
$3\frac{1}{4}$	.70	$5\frac{1}{2}$	1.45
$3\frac{1}{2}$	.75	6	1.60
$3\frac{3}{4}$	.75	$6\frac{1}{2}$	1.75
4	.80	7	2.00
$4\frac{1}{4}$	.80	$7\frac{1}{4}$	2.15
$4\frac{1}{2}$	.95	$7\frac{1}{2}$	2.25
$4\frac{3}{4}$	1.10	*8	2.25
$5\frac{1}{4}$	1.10	*Some makers' list	
6	1.25	8 inch at \$2.35.	

Compasses.

Inch....	3	4	5	6	7	8
Per dozen..	\$3.25	3.25	3.50	4.00	4.75	5.50

Wing Dividers.

Inch....	5	6	7	8	9	10	12	15	18	20	24
Per dozen..	\$5.50	5.50	6.50	7.50	9.00	10.00	12.00	18.00	25.00	30.00	36.00

Brass Cocks (HARDWARE GOODS).

Per dozen.
List March 7, 1904.

See also following page.

Lever and Ball Handle Bibbs.

Inch	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	----	----	----	----
<i>Plain Bibbs, Lead Pipe:</i>												
Rough	\$12.00	14.00	16.00	19.00	26.00	37.00	60.00	90.00	----	----	----	----
Finished	13.50	15.50	18.00	21.50	29.00	41.00	70.00	110.00	----	----	----	----
Nickel Plated	15.00	17.00	20.00	24.00	32.00	45.00	80.00	130.00	----	----	----	----
<i>Plain Bibbs, Screwed for Wood: *</i>												
Rough	\$13.00	15.00	18.00	22.00	30.00	43.00	68.00	100.00	----	----	----	----
Finished	14.50	16.50	20.00	24.50	33.00	47.00	78.00	120.00	----	----	----	----
Nickel Plated	16.00	18.00	22.00	27.00	36.00	51.00	88.00	140.00	----	----	----	----
* Some makers use different list.												
<i>Plain Bibbs, S. O. T.:</i>												
Rough	\$13.00	15.00	18.00	22.00	30.00	43.00	68.00	----	----	----	----	----
Finished	14.50	16.50	20.00	24.50	33.00	47.00	78.00	----	----	----	----	----
Nickel Plated	16.00	18.00	22.00	27.00	36.00	51.00	88.00	----	----	----	----	----
<i>Hose Bibbs, S. O. T.:</i>												
Rough	---	\$17.00	20.00	24.00	33.00	48.00	74.00	----	----	----	----	----
Finished	---	18.50	22.00	26.50	36.00	52.00	84.00	----	----	----	----	----
Nickel Plated	---	20.00	24.00	29.00	39.00	56.00	94.00	----	----	----	----	----
<i>Plain Bibbs, Iron Pipe:</i>												
Rough	\$12.00	14.00	16.00	19.00	26.00	37.00	60.00	90.00	----	----	----	----
Finished	13.50	15.50	18.00	21.50	29.00	41.00	70.00	110.00	----	----	----	----
Nickel Plated	15.00	17.00	20.00	24.00	32.00	45.00	80.00	130.00	----	----	----	----
<i>Hose Bibbs, Iron Pipe:</i>												
Rough	---	\$16.00	18.00	21.00	29.00	42.00	66.00	98.00	----	----	----	----
Finished	---	17.50	20.00	23.50	32.00	46.00	76.00	118.00	----	----	----	----
Nickel Plated	---	19.00	22.00	26.00	35.00	50.00	86.00	138.00	----	----	----	----
Note: For Ball Lever												
Handle, add	---	3.00	3.00	3.00	4.00	5.00	6.00	7.00	----	----	----	----

Racking Cocks.

Inch	1/4	1/8	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2
<i>Rivet Bottom:</i>										
To Drive	\$8.00	9.00	10.00	12.00	13.00	15.00	18.00	27.00	33.00	40.00
To Screw	8.50	9.50	10.50	13.00	14.00	16.50	19.50	29.00	35.00	43.00
<i>Nut and Washer:</i>										
To Drive	\$10.00	---	12.00	---	15.00	---	20.00	29.00	---	42.00
To Screw	10.50	---	12.50	---	16.00	---	21.50	31.00	---	45.00
<i>Loop Handle:</i>										
To Drive	---	---	---	---	---	---	---	---	\$46.00	95.00
To Screw	---	---	---	---	---	---	---	---	49.00	100.00
<i>Loose, Iron Handle:</i>										
To Drive	---	---	---	---	\$16.00	---	21.00	30.00	---	43.00
To Screw	---	---	---	---	17.00	---	22.50	32.00	---	46.00
									90.00	50.00
									157.00	260.00

Lock Cocks.

Inch	1/4	1/8	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2
<i>Rivet Bottom:</i>										
To Drive	\$10.00	11.00	12.00	14.00	15.00	17.00	20.00	29.00	35.00	42.00
To Screw	10.50	11.50	12.50	15.00	16.00	18.50	21.50	31.00	37.00	45.00
<i>Nut and Washer:</i>										
To Drive	\$12.00	---	14.00	---	17.00	---	22.00	31.00	---	44.00
To Screw	12.50	---	14.50	---	18.00	---	23.50	33.00	---	47.00

Compression Lock Cocks.

Inch	3/8	1/2	3/4	1
<i>Compression Lock:</i>				
To Drive	\$15.00	18.00	23.00	32.00
To Screw	15.50	19.00	24.50	34.00
Note: For Lever Handle add, to above list, \$1.00.				
<i>Andrew's Compression:</i>				
To Drive	---	\$24.00	29.00	---
To Screw	---	25.00	30.50	---

Brass Cocks (HARDWARE GOODS). Per dozen.

See also preceding page.

Liquor Cocks.

Inch -----	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I
<i>Tee or Lever Handle:</i>						
To Drive -----	\$13.00	15.00	18.00	23.00	32.00	45.00
To Screw -----	13.50	15.50	19.00	24.50	34.00	48.00

Globe Cocks.

Inch -----	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I
<i>Tee Handle:</i>						
Tinned Shank -----	\$15.00	18.00	22.00	27.00	36.00	49.00
To Screw -----	15.50	18.50	23.00	28.50	38.00	52.00
<i>Lever Handle:</i>						
Tinned Shank -----	\$15.50	18.50	23.00	28.00	37.00	51.00
To Screw -----	16.00	19.00	24.00	29.50	39.00	54.00

Brass Kerosene Oil Cocks, Lever Handle.

Inch -----	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I
<i>Nut and Washer:</i>					
Tinned Shank, Rough -----	\$10.50	13.00	17.50	26.00	38.00
Tinned Shank, Dipped Finish -----	12.00	15.00	20.00	29.00	42.00
To Screw, Rough -----	11.00	14.00	19.00	28.00	41.00
To Screw, Dipped Finish -----	12.50	16.00	21.50	31.00	45.00

Bottling Cocks.

Inch -----	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I
To Drive, Rivet Bottom -----	\$11.00	12.00	17.00	21.00	30.00	44.00
To Screw, Rivet Bottom -----	11.50	12.50	18.00	22.50	32.00	47.00
To Drive, Nut and Washer -----	13.00	14.00	19.00	23.00	32.00	46.00
To Screw, Nut and Washer -----	13.50	14.50	20.00	24.50	34.00	49.00
Screw Nozzle, to Drive Nut and Washer -----	-----	-----	28.00	34.00	44.00	-----
Screw Nozzle, to Screw Nut and Washer -----	-----	-----	29.00	35.50	46.00	-----

Compression Bibbs.

Inch -----	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I	I$\frac{1}{4}$	I$\frac{1}{2}$	2
<i>Plain Bibbs, Iron Pipe:</i>									
Finished -----	\$11.00	12.00	13.00	16.00	20.00	40.00	65.00	100.00	200.00
Nickel Plated -----	13.00	14.00	15.50	18.50	22.50	43.00	69.00	108.00	212.00
<i>Hose Bibbs, Iron Pipe:</i>									
Finished -----	-----	-----	\$15.00	18.00	22.00	43.00	69.00	106.00	210.00
Nickel Plated -----	-----	-----	17.50	20.50	24.50	46.00	73.00	114.00	222.00
For Stuffing Box add, per doz. -----	-----	-----	3.00	3.00	4.00	6.00	12.00	15.00	25.00
<i>Bibbs, S. O. T.:</i>									
Rough -----	\$11.50	12.50	14.50	18.00	23.00	42.00	-----	-----	-----
Finished -----	12.00	13.00	15.00	19.00	24.00	46.00	-----	-----	-----
Nickel Plated -----	14.00	15.00	17.50	21.50	26.50	49.00	-----	-----	-----
<i>Hose Bibbs, S. O. T.:</i>									
Rough -----	-----	-----	\$16.50	20.00	25.00	45.00	-----	-----	-----
Finished -----	-----	-----	17.00	21.00	26.00	49.00	-----	-----	-----
Nickel Plated -----	-----	-----	19.50	23.50	28.50	52.00	-----	-----	-----

Iron Petroleum Cocks.

Inch -----	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	I
<i>Tee or Lever Handle, Nut and Washer:</i>					
Tinned Shank -----	\$10.00	11.00	13.00	16.00	23.00
To Screw -----	10.00	11.00	13.00	16.00	23.00

Standard Brass Cocks. Each.

Inch.....	½	¾	1	1¼	1½	2	2½	3	3½	4
<i>Steam Screwed.</i>										
Square Head.....	\$0.85	.85	1.00	1.25	1.70	2.35	3.70	4.85	7.30	14.50
Flat Head.....										
Crank Pin.....	1.00	1.00	1.15	1.40	1.90	2.55	3.95	5.15	7.65	15.00
M. and F.....	1.35	1.35	1.45	2.00	2.50	3.00	5.35	6.75	9.85	17.50
Three Way.....				2.50	3.00	3.75	5.75	7.15	11.00	18.75

Inch.....	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
<i>Steam Flanged.</i>												
Square Head.....	\$4.75	5.50	7.30	9.70	11.75	18.00	27.50	43.00	62.00	84.00	150.00	275.00
Flat Head.....												
Three Way.....	7.75	8.75	11.25	14.75	17.75	27.00	38.25	57.00	85.00	121.00	---	---

Inch.....	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
<i>Gas Service.</i>												
Square Head.....	\$0.75	.75	.85	.95	1.15	1.50	2.25	3.10	5.00	11.00	16.00	
Flat Head.....												
Tee Head.....												
Extra Heavy.....		.85	.95	1.05	1.30	1.70	2.60	3.60	6.50	12.00	18.00	
Male and Female.....	1.00	1.00	1.30	1.40	1.95	3.00	4.25	6.00	---	---	---	---

Gas Service and Meter; Square, Flat or Tee Head.

Gas Meter.....				\$1.30	1.40	1.95	3.00	4.25	6.00	---	---	---
Union Meter.....				1.40	1.55	2.20	3.40	5.00	7.00	---	---	---
Service, Check Pin.....	.90	.90	1.00	1.10	1.35	1.70	2.50	---	---	---	---	---

Inch.....	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
<i>Lock Meter and Service.</i>												
Lock Meter.....						\$1.40	1.75	2.30	3.85	5.50	7.75	
Lock Service.....						1.80	1.60	2.10	3.50	5.00	7.00	
Lock Union Meter.....						1.50	1.80	2.50	4.00	5.50	8.00	

Iron Cocks. Each.

Inch.....	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
<i>Screwed.</i>												
All Iron.....	\$0.90	1.05	1.30	1.60	1.95	2.70	4.40	6.75	12.00	15.50	32.00	45.00
Iron, Brass Washer.....	1.00	1.20	1.55	1.95	2.35	3.20	5.15	7.75	14.00	19.00	38.00	53.00
Iron, Brass Plug.....	1.30	1.60	1.90	2.65	3.75	5.25	8.75	13.00	27.50	36.50	67.00	94.00
Iron, Brass Plug & Washer.....	1.40	1.75	2.15	3.00	4.15	5.75	9.50	14.00	29.50	40.00	73.00	102.00

Extra Heavy, Screwed.

All Iron.....	1.15	1.25	1.75	2.10	2.80	3.65	6.50	9.00	16.75	22.50	45.00	62.00
Iron, Brass Washer.....	1.25	1.40	2.00	2.45	3.20	4.15	7.25	10.00	18.75	26.00	51.00	70.00
Iron, Brass Plug.....	1.70	2.25	2.80	3.85	5.60	7.00	13.25	19.00	42.00	56.00	98.00	133.00
Iron, Brass Plug & Washer.....	1.80	2.40	3.05	4.20	6.00	7.50	14.00	20.00	44.00	59.50	104.00	141.00

Flanged.

All Iron.....			\$2.25	2.75	3.25	4.25	6.25	9.50	15.00	19.00	36.00	50.00
Iron, Brass Washer.....			2.50	3.10	3.65	4.75	7.00	10.50	17.00	22.50	42.00	58.00
Iron, Brass Plug.....			3.00	3.75	5.00	7.00	10.50	15.75	30.00	40.00	70.00	100.00
Iron, Brass Plug & Washer.....			3.25	4.10	5.40	7.50	11.25	16.75	32.00	43.50	76.00	108.00

Three Way, Screwed.

All Iron.....	1.65	1.80	2.05	2.65	3.65	5.35	7.50	14.00	19.00	36.50	52.00	
Iron, Brass Washer.....	1.80	2.05	2.40	3.05	4.15	6.10	8.50	16.00	22.50	42.50	60.00	
Iron, Brass Plug.....	2.20	2.40	3.10	4.50	6.25	9.75	13.75	30.00	40.00	71.50	100.00	
Iron, Brass Plug & Washer.....	2.35	2.65	3.45	4.90	6.75	10.50	14.75	32.00	43.50	77.50	108.00	

Flanged.

All Iron.....		3.75	4.25	5.25	7.00	9.00	12.75	20.00	26.00	44.00	60.00	
Iron, Brass Washer.....		4.00	4.60	5.65	7.50	9.75	13.75	22.00	29.50	50.00	68.00	
Iron, Brass Plug.....		4.50	5.25	7.00	9.50	13.25	19.00	36.00	47.00	80.00	108.00	
Iron, Brass Plug & Washer.....		4.75	5.60	7.40	10.00	14.00	20.00	38.00	50.50	86.00	116.00	

Air Cocks. Each.

Inch.....	½	¾	1	1¼
<i>T Handle.</i>				
Single Thread.....	\$0.40	.45*	.50	.60
Double Thread.....		.65†	.75	.90

* Some makers' lists, \$0.40

† Some makers' lists, \$0.55

Sheet Copper Extras. List Mar., 1903.

SIZES OF SHEETS.		96 oz. & over 75 lb. sheet, 30 x 60 and heavier	64 oz. to 96 oz. 50 to 75 lb. sheet, 30 x 60 and heavier	32 oz. to 64 oz. 25 to 50 lb. sheet, 30 x 60	24 oz. to 32 oz. 18½ to 25 lb. sheet, 30 x 60	16 oz. to 24 oz. 12½ to 18½ lb. sheet, 30 x 60	14 oz. & 15 oz. 11 to 12½ lb. sheet, 30 x 60	12 oz. & 13 oz. 9½ to 11 lb. sheet, 30 x 60	10 oz. & 11 oz. 7½ to 9½ lb. sheet, 30 x 60	8 oz. & 9 oz. 6½ to 7½ lb. sheet, 30 x 60	L'g't'r than 8 oz.
		Extra Cents per pound advance over base price.									
Not wider than 30 ins.	Not longer than 72 ins.	Base.	1	1	1	1	2	3	4	7	10
	Longer than 72, not longer than 96 ins.	Base.	1	1	1	1	2	4	7	10	
	Longer than 96 ins.	Base.	1	1	1	1	3	7			
Wider than 30 ins. but not wider than 36 ins.	Not longer than 72 ins.	Base.	1	1	1	1	3	5	8	11	
	Longer than 72, not longer than 96 ins.	Base.	1	1	1	1	3	7	10		
	Longer than 96, not longer than 120 ins.	Base.	1	1	1	2	4				
	Longer than 120 ins.	Base.	1	1	2	3					
Wider than 36, not wider than 48 ins.	Not longer than 72 ins.	Base.	1	1	2	3	5	8	11		
	Longer than 72, not longer than 96 ins.	Base.	1	1	2	4	6	9			
	Longer than 96, not longer than 120 ins.	Base.	1	1	3	5	9				
	Longer than 120 ins.	Base.	1	2	4	7					
Wider than 48, not wider than 60 ins.	Not longer than 72 ins.	Base.	1	1	2	4	7	12			
	Longer than 72, not longer than 96 ins.	Base.	1	1	3	5	10				
	Longer than 96, not longer than 120 ins.	Base.	1	2	4	7					
	Longer than 120 ins.	1	2	3	5	9					
Wider than 60, not wider than 72 ins.	Not longer than 96 ins.	Base.	1	2	4	9					
	Longer than 96, not longer than 120 ins.	Base.	1	3	6	11					
	Longer than 120 ins.	1	2	4	9						
Wider than 72, not wider than 84 ins.	Not longer than 96 ins.	1	2	4	7						
	Longer than 96, not longer than 120 ins.	2	3	5	8						
	Longer than 120 ins.	3	4	6	10						
Wider than 84 ins.	Not longer than 132 ins.	4	5	7							
	Longer than 132 ins.	5	6	9							

Sheet Copper Extras—Continued.

Rolled Round Copper, $\frac{3}{8}$ inch diameter or over, base one (1) cent per pound advance.

(Cold Drawn, Square and Special Shapes, extra).

Circles, Segments and Pattern Sheets, three (3) cents per pound advance over prices of Sheet Copper required to cut them from.

All Cold or Hard Rolled Copper, 14 oz. per square foot and heavier, one (1) cent per pound over the foregoing prices.

All Cold or Hard Rolled Copper, lighter than 14 oz. per square foot, two (2) cents per pound over the foregoing prices.

Cold Rolled and Annealed Copper Sheets and Circles, wider than 17 in., take the same price as Cold or Hard Rolled Copper of corresponding dimensions and thickness.

All Polished Copper, 20 in. wide and under, one (1) cent per pound advance over the price for Cold Rolled Copper.

All Polished Copper, over 20 in. wide, two (2) cents per pound advance over the price for Cold Rolled Copper.

Cold Rolled Copper, prepared suitable for polishing, same prices and extras as Polished Copper.

Tinning.

Tinning sheets on one side, all sizes, per square foot, $2\frac{1}{2}$ cents.

For tinning both sides, double the above price.

For tinning circles and segments, price $2\frac{1}{2}$ cents per square foot upon square of the circle, *i.e.*, a 12 inch circle is considered one square foot.

For tinning the edges of sheets one or both sides, price the same as for tinning all of one side of the specified sheet.

Extras—Copper Bottoms, Pits and Flats.

Extra cents per lb. advance over base price of soft copper.

14 oz. to square foot, and heavier, per lb.,	5c.
12 oz. and up to 14 oz. to square foot, per lb.,	6c.
10 oz. and up to 12 oz.,	8c.
Lighter than 10 oz.,	11c.

Circles less than 8 in. diam., 2c. per lb. additional.

Circles over 13 in. diam. are not classed as Copper Bottoms.

Polished Copper Bottoms and Flats, 1c. per lb. in addition to regular price.

Wire Picture Cord. List Oct. 2, 1900.

Tinned.

No.-----	0	1	2	3	4	5	6	7	8
Boxes of 25 yds. per doz.	\$2.00	3.00	4.00	5.00	6.50	8.00	10.00	12.00	15.00
" 25 ft.	1.25	1.75	2.25	2.75	3.50	4.25	5.00	6.00	8.00

Gill.

No.-----	10	11	12	13	14	15	16	17	18
Boxes of 25 yds. per doz.	\$5.25	9.00	12.75	18.75	22.50	30.00	37.50	45.00	55.00
" 25 ft.	3.00	4.50	6.25	9.00	12.00	17.00	20.00	25.00	30.00

Gold.

No.-----	20	21	22	23	24	25	26	27	280
Boxes of 25 yds. per doz.	\$9.00	13.50	22.50	30.00	45.00	60.00	67.50	75.00	85.00
" 25 ft.	3.75	6.25	8.75	13.00	17.50	22.00	25.00	30.00	37.50

1. 1900-1901

2. 1902-1903

3. 1904-1905

4. 1906-1907

5. 1908-1909

6. 1910-1911

7. 1912-1913

8. 1914-1915

9. 1916-1917

10. 1918-1919

11. 1920-1921

12. 1922-1923

13. 1924-1925

14. 1926-1927

15. 1928-1929

TWIST DRILLS.

Taper Shank Drills.

Diam.	Price Each.	Length.	Socket.	Diam.	Price Each.	Length.	Socket.
$\frac{1}{8}$	\$.45	5 $\frac{1}{2}$	No. 1.	$\frac{1}{8}$	\$5.40	14 $\frac{3}{4}$	No. 4.
$\frac{3}{16}$	.45	5 $\frac{3}{4}$		$\frac{1}{4}$	5.60	14 $\frac{3}{4}$
$\frac{1}{2}$	.50	5 $\frac{3}{4}$		$\frac{3}{8}$	5.80	14 $\frac{3}{4}$
$\frac{5}{8}$	.55	5 $\frac{3}{4}$		$\frac{1}{2}$	6.00	15
$\frac{3}{4}$	.60	6 $\frac{1}{4}$		$\frac{5}{8}$	6.30	15 $\frac{1}{8}$
$\frac{7}{8}$	.65	6 $\frac{1}{4}$		$\frac{3}{4}$	6.60	15 $\frac{1}{4}$
$1\frac{1}{8}$	.70	6 $\frac{3}{4}$		$\frac{7}{8}$	6.90	15 $\frac{3}{8}$
$1\frac{1}{4}$	.75	6 $\frac{3}{4}$		1	7.20	15 $\frac{1}{2}$
$1\frac{3}{8}$	.80	6 $\frac{3}{4}$		$1\frac{1}{8}$	7.50	15 $\frac{3}{4}$
$1\frac{1}{2}$	.85	7		$1\frac{3}{8}$	7.80	15 $\frac{3}{4}$
$1\frac{3}{4}$.90	7 $\frac{1}{4}$	No. 2.	$1\frac{1}{2}$	8.10	15 $\frac{7}{8}$	No. 5.
$1\frac{7}{8}$	.95	7 $\frac{1}{2}$		$1\frac{3}{4}$	8.40	16
2	1.00	7 $\frac{3}{4}$		2	8.60	16 $\frac{1}{8}$	
$2\frac{1}{8}$	1.10	8		$2\frac{1}{8}$	8.80	16 $\frac{1}{4}$	
$2\frac{1}{4}$	1.20	8 $\frac{1}{4}$		$2\frac{1}{2}$	9.00	16 $\frac{1}{2}$	
$2\frac{3}{8}$	1.30	8 $\frac{1}{2}$		$2\frac{3}{8}$	9.20	16 $\frac{1}{2}$	
$2\frac{1}{2}$	1.40	8 $\frac{3}{4}$		$2\frac{1}{2}$	9.35	16 $\frac{3}{4}$	
$2\frac{7}{8}$	1.50	9		3	9.50	16 $\frac{3}{4}$	
3	1.60	9 $\frac{1}{4}$		$3\frac{1}{8}$	9.65	16 $\frac{3}{4}$	
$3\frac{1}{8}$	1.70	9 $\frac{1}{2}$		$3\frac{1}{4}$	9.80	16 $\frac{3}{4}$	
$3\frac{1}{4}$	1.85	9 $\frac{3}{4}$	No. 3.	$3\frac{3}{8}$	10.20	16 $\frac{1}{2}$	No. 4.
$3\frac{1}{2}$	2.00	9 $\frac{3}{8}$		$3\frac{1}{2}$	10.60	17	
$3\frac{3}{4}$	2.15	10		$3\frac{3}{4}$	11.20	17	
4	2.30	10 $\frac{1}{4}$		4	12.00	17	
$4\frac{1}{8}$	2.45	10 $\frac{1}{2}$		$4\frac{1}{8}$	12.80	17 $\frac{1}{2}$	
$4\frac{1}{4}$	2.60	10 $\frac{3}{8}$		$4\frac{1}{4}$	13.60	17 $\frac{1}{2}$	
$4\frac{1}{2}$	2.75	10 $\frac{3}{4}$		$4\frac{1}{2}$	14.40	18	
$4\frac{3}{4}$	2.90	10 $\frac{3}{4}$		$4\frac{3}{4}$	15.00	18 $\frac{1}{2}$	
5	3.00	11		5	15.60	19	
$5\frac{1}{8}$	3.20	11 $\frac{1}{8}$		$5\frac{1}{8}$	16.20	19 $\frac{1}{4}$	
$5\frac{1}{4}$	3.40	11 $\frac{1}{4}$		$5\frac{1}{4}$	16.80	19 $\frac{1}{2}$	
$5\frac{1}{2}$	3.60	11 $\frac{1}{2}$	No. 4.	$5\frac{3}{8}$	17.60	20	No. 5.
$5\frac{3}{4}$	3.80	11 $\frac{3}{4}$		$5\frac{1}{2}$	19.00	20 $\frac{1}{2}$	
6	4.00	11 $\frac{3}{8}$		$5\frac{1}{2}$	20.00	20 $\frac{1}{2}$	
$6\frac{1}{8}$	4.20	12		6	21.00	21	
$6\frac{1}{4}$	4.40	12 $\frac{1}{8}$		$6\frac{1}{8}$	23.00	21	
$6\frac{1}{2}$	4.50	12 $\frac{1}{2}$		$6\frac{1}{4}$	25.00	21	
$6\frac{3}{4}$	4.65	14 $\frac{1}{8}$		$6\frac{3}{4}$			
7	4.80	14 $\frac{1}{4}$		7			
$7\frac{1}{8}$	5.00	14 $\frac{3}{8}$		$7\frac{1}{8}$			
$7\frac{1}{4}$	5.20	14 $\frac{3}{4}$		$7\frac{1}{4}$			

Note: Some Drills vary slightly in length, according to maker.

Taper Shank Drills.

64 Sizes for Reamers.

Diam.	Price Each.	Length.	No. of Socket for Taper.	Diam.	Price Each.	Length.	No. of Socket for Taper.
$\frac{1}{8}$	\$.60	6 $\frac{1}{4}$	No. 1.	$\frac{1}{8}$	\$4.65	14 $\frac{1}{8}$	No. 4.
$\frac{3}{16}$	.65	6 $\frac{1}{4}$		$\frac{1}{4}$	4.80	14 $\frac{1}{4}$
$\frac{1}{2}$	.70	6 $\frac{1}{2}$		$\frac{3}{8}$	5.00	14 $\frac{1}{2}$
$\frac{5}{8}$	.75	6 $\frac{1}{2}$		$\frac{1}{2}$	5.20	14 $\frac{1}{2}$
$\frac{3}{4}$	.80	6 $\frac{3}{4}$		$\frac{5}{8}$	5.40	14 $\frac{3}{8}$
$\frac{7}{8}$	.85	7		$\frac{3}{4}$	5.60	14 $\frac{3}{4}$
1	.90	7 $\frac{1}{4}$		$\frac{7}{8}$	5.80	14 $\frac{3}{4}$	
$1\frac{1}{8}$	.95	7 $\frac{1}{2}$		1	6.00	15
$1\frac{1}{4}$	1.00	7 $\frac{3}{4}$		$1\frac{1}{8}$	6.30	15 $\frac{1}{8}$	No. 5.
$1\frac{1}{2}$	1.10	8	No. 2.	$1\frac{1}{4}$	6.60	15 $\frac{1}{4}$	
$1\frac{3}{8}$	1.20	8 $\frac{1}{4}$		$1\frac{1}{2}$	6.90	15 $\frac{1}{2}$	
$1\frac{1}{2}$	1.30	8 $\frac{1}{2}$		$1\frac{3}{8}$	7.20	15 $\frac{1}{2}$	
$1\frac{5}{8}$	1.40	8 $\frac{3}{4}$		$1\frac{1}{2}$	7.50	15 $\frac{3}{8}$	
2	1.50	9		$1\frac{3}{4}$	7.80	15 $\frac{3}{4}$	
$2\frac{1}{8}$	1.60	9 $\frac{1}{4}$		2	8.10	15 $\frac{3}{4}$	
$2\frac{1}{4}$	1.70	9 $\frac{1}{2}$		$2\frac{1}{8}$	8.40	16	
$2\frac{1}{2}$	1.85	9 $\frac{3}{4}$		$2\frac{1}{4}$	8.60	16 $\frac{1}{8}$	
$2\frac{3}{8}$	2.00	9 $\frac{3}{8}$		$2\frac{1}{2}$	8.80	16 $\frac{1}{4}$	
$2\frac{1}{2}$	2.15	10	No. 3.	$2\frac{3}{8}$	9.00	16 $\frac{1}{2}$	
$2\frac{5}{8}$	2.30	10 $\frac{1}{4}$		$2\frac{1}{2}$	9.20	16 $\frac{1}{2}$	
3	2.45	10 $\frac{1}{2}$		$2\frac{5}{8}$	9.35	16 $\frac{1}{2}$	
$3\frac{1}{8}$	2.60	10 $\frac{3}{8}$		3	9.50	16 $\frac{3}{4}$	
$3\frac{1}{4}$	2.75	10 $\frac{3}{4}$		$3\frac{1}{8}$	9.65	16 $\frac{3}{4}$	
$3\frac{1}{2}$	2.90	10 $\frac{3}{4}$		$3\frac{1}{4}$	9.80	16 $\frac{3}{4}$	
$3\frac{3}{4}$	3.00	11		$3\frac{1}{2}$	10.20	16 $\frac{1}{2}$	No. 4.
4	3.20	11 $\frac{1}{8}$		4	10.60	17	
$4\frac{1}{8}$	3.40	11 $\frac{1}{4}$		$4\frac{1}{8}$	11.20	17	
$4\frac{1}{4}$	3.60	11 $\frac{1}{2}$		$4\frac{1}{4}$	12.00	17	
$4\frac{1}{2}$	3.80	11 $\frac{3}{4}$		$4\frac{1}{2}$	12.80	17 $\frac{1}{2}$	
$4\frac{3}{4}$	4.00	11 $\frac{3}{8}$		$4\frac{3}{4}$	13.60	17 $\frac{1}{2}$	
5	4.20	12		5	14.40	18	
$5\frac{1}{8}$	4.40	12 $\frac{1}{8}$		$5\frac{1}{8}$	15.00	18 $\frac{1}{2}$	
$5\frac{1}{4}$	4.50	12 $\frac{1}{2}$		$5\frac{1}{4}$	15.60	19	
$5\frac{1}{2}$				$5\frac{1}{2}$			
$5\frac{3}{8}$				$5\frac{3}{8}$			

Note: Some Drills vary slightly in length, according to maker.

Bit Stock Drills.

Diameter.	Price per Dozen.	Price Each.	Length.
$\frac{2}{32}$	\$1.50	\$0.14	$3\frac{9}{16}$
$\frac{3}{32}$	1.65	.16	4
$\frac{4}{32}$	2.10	.20	4
$\frac{5}{32}$	2.60	.24	$4\frac{1}{4}$
$\frac{6}{32}$	3.10	.29	$4\frac{1}{2}$
$\frac{7}{32}$	3.60	.33	$4\frac{3}{4}$
$\frac{8}{32}$	4.10	.38	5
$\frac{9}{32}$	4.70	.43	$5\frac{1}{4}$
$\frac{10}{32}$	5.40	.48	$5\frac{1}{2}$
$\frac{11}{32}$	6.30	.54	$5\frac{3}{4}$
$\frac{12}{32}$	7.20	.62	6
$\frac{13}{32}$	8.00	.68	$6\frac{1}{4}$
$\frac{14}{32}$	8.80	.75	$6\frac{1}{2}$
$\frac{15}{32}$	9.60	.82	$6\frac{3}{4}$
$\frac{16}{32}$	10.30	.87	7
$\frac{17}{32}$	11.00	.92	$7\frac{1}{8}$
$\frac{9}{16}$	----	1.20	$7\frac{1}{2}$
$\frac{5}{8}$	----	1.35	$7\frac{1}{2}$
$\frac{11}{16}$	----	1.50	$7\frac{1}{2}$
$\frac{3}{4}$	----	1.65	$7\frac{1}{2}$
$\frac{13}{16}$	----	1.80	$7\frac{1}{2}$
$\frac{7}{8}$	----	1.95	$7\frac{1}{2}$
$\frac{15}{16}$	----	2.15	$7\frac{1}{2}$
1	----	2.35	$7\frac{1}{2}$

Note: Some Drills vary slightly in length, according to makes.

Center Drills

Diam.	Price per dozen.	Length in inches.
$\frac{1}{16}$	\$0.80	1
$\frac{15}{64}$	.90	1
$\frac{3}{32}$	1.10	$1\frac{1}{4}$
$\frac{7}{64}$	1.20	$1\frac{1}{4}$
$\frac{1}{8}$	1.25	$1\frac{1}{4}$
$\frac{9}{64}$	1.35	$1\frac{1}{4}$
$\frac{5}{32}$	1.50	$1\frac{1}{2}$
$\frac{11}{64}$	1.70	$1\frac{1}{2}$
$\frac{3}{16}$	1.90	$1\frac{1}{2}$
$\frac{13}{64}$	2.10	$1\frac{1}{2}$
$\frac{7}{32}$	2.35	$1\frac{1}{2}$
$\frac{15}{64}$	2.60	$1\frac{1}{2}$
$\frac{1}{4}$	2.85	$1\frac{1}{2}$

Bit Stock Countersinks.

Diam.	Price each.	Length in inches.
$\frac{3}{8}$	\$0.50	$4\frac{1}{4}$
$\frac{1}{2}$	.60	$4\frac{1}{4}$
$\frac{5}{8}$	.75	$4\frac{1}{4}$
$\frac{3}{4}$	.90	5
$\frac{7}{8}$	1.05	5
1	1.20	5

TABLE 1. - SUMMARY OF DATA FOR THE YEAR 1964

Area		Population		Area		Population	
Total		Total		Total		Total	
1		2		3		4	
5		6		7		8	
9		10		11		12	
13		14		15		16	
17		18		19		20	
21		22		23		24	
25		26		27		28	
29		30		31		32	
33		34		35		36	
37		38		39		40	
41		42		43		44	
45		46		47		48	
49		50		51		52	
53		54		55		56	
57		58		59		60	
61		62		63		64	
65		66		67		68	
69		70		71		72	
73		74		75		76	
77		78		79		80	
81		82		83		84	
85		86		87		88	
89		90		91		92	
93		94		95		96	
97		98		99		100	

Source: U.S. Census Bureau, 1964

Drills for Blacksmiths' Drill Presses.

Short Lengths.

$\frac{1}{2}$ INCH SHANKS.

Diam.	Price each.	Length in inches.	Diam.	Price each.	Length in inches.
$\frac{1}{8}$	\$0.45	4 $\frac{7}{8}$	I $\frac{3}{32}$	\$2.10	6
$\frac{5}{32}$	.48	4 $\frac{7}{8}$	I $\frac{1}{8}$	2.20	6
$\frac{3}{16}$	.50	5 $\frac{1}{8}$	I $\frac{5}{32}$	2.25	6
$\frac{7}{32}$	.55	5 $\frac{1}{8}$	I $\frac{3}{16}$	2.30	6
$\frac{1}{4}$	.60	6	I $\frac{7}{32}$	2.35	6
$\frac{9}{32}$	.65	6	I $\frac{1}{4}$	2.40	6
$\frac{5}{16}$	.70	6	I $\frac{9}{32}$	2.50	6
$\frac{11}{32}$	.73	6	I $\frac{5}{16}$	2.60	6
$\frac{3}{8}$	.75	6	I $\frac{11}{32}$	2.70	6
$\frac{13}{32}$	.78	6	I $\frac{3}{8}$	2.80	6
$\frac{7}{16}$	.80	6	I $\frac{13}{32}$	2.90	6
$\frac{15}{32}$	.83	6	I $\frac{7}{16}$	3.00	6
$\frac{1}{2}$	.85	6	I $\frac{15}{32}$	3.10	6
$\frac{17}{32}$	.88	6	I $\frac{1}{2}$	3.20	6
$\frac{9}{16}$	.90	6			
$\frac{19}{32}$	*\$1.00	6	These drills will fit the following drill presses: Boynton & Plummer, Worcester, Mass., Nos. 1, 1 $\frac{1}{2}$, 2, 6, 7, 8 and 9. Buffalo Forge Co., Buffalo, N. Y., all sizes. Champion Blower & Forge Co., Lancaster, Pa., all sizes. Geo. Burnham & Co., Worcester, Mass., Nos. 6, 1, 2 and 5. Hauck & Comstock, Mechanicsburg, Pa. Geo. C. Taft, Worcester, Mass., No. 2, old or new style, or horizontal; Nos. 2 $\frac{1}{2}$ and 3. Asa Goddard, Worcester, Mass., Nos. 2 and 4. Illinois Iron & Bolt Co., Carpentersville, Ill., Bailey. Nos. 3 and 4. Silver Mfg. Co., Salem, Ohio, Nos. 1 and 2, and Bench Drill. Wells Bros. & Co., Greenfield, Mass., Nos. 3, 9, and 10, Bench Drill; Nos. 2 and 3, horizontal. Wiley & Russell Mfg. Co., Greenfield, Mass., Nos. 2 and 22. Fotts & Weber, Lancaster, Pa., all sizes. M. L. Edwards Mfg. Co., Salem, Ohio, all sizes.		
$\frac{5}{8}$	1.05	6			
$\frac{21}{32}$	1.10	6			
$\frac{11}{16}$	1.15	6			
$\frac{23}{32}$	1.20	6			
$\frac{3}{4}$	1.25	6			
$\frac{25}{32}$	1.30	6			
$\frac{13}{16}$	1.35	6			
$\frac{27}{32}$	1.40	6			
$\frac{7}{8}$	1.45	6			
$\frac{29}{32}$	1.50	6			
$\frac{15}{16}$	1.60	6			
$\frac{31}{32}$	1.70	6			
I	1.80	6			
I $\frac{1}{32}$	1.90	6			
I $\frac{1}{16}$	2.00	6			

* Some lists 95 cents.

Drills for Blacksmiths' Drill Presses.

Taper Lengths.

SHANKS $\frac{1}{2}$ INCH.

Diam.	Price each.	Length in inches.	Diam.	Price each.	Length in inches.
$\frac{1}{8}$	\$0.45	$5\frac{1}{8}$	$I\frac{1}{16}$	\$3.40	$11\frac{1}{4}$
$\frac{5}{32}$	.45	$5\frac{3}{8}$	$I\frac{3}{32}$	3.60	$11\frac{1}{2}$
$\frac{1}{4}$	.50	$5\frac{7}{8}$	$I\frac{1}{8}$	3.80	$11\frac{3}{4}$
$\frac{5}{16}$	.55	$5\frac{7}{8}$	$I\frac{5}{32}$	4.00	$11\frac{7}{8}$
$\frac{3}{8}$	.60	$6\frac{1}{8}$	$I\frac{3}{16}$	4.20	12
$\frac{7}{16}$	.65	$6\frac{1}{4}$	$I\frac{7}{32}$	4.40	$12\frac{1}{8}$
$\frac{1}{2}$	.70	$6\frac{3}{8}$	$I\frac{1}{4}$	4.50	$12\frac{1}{4}$
$\frac{5}{8}$	.75	$6\frac{1}{2}$	$I\frac{9}{32}$	4.65	$12\frac{1}{4}$
$\frac{3}{4}$	.80	$6\frac{3}{4}$	$I\frac{5}{16}$	4.80	$12\frac{3}{8}$
$\frac{7}{8}$	.85	7	$I\frac{11}{32}$	5.00	$12\frac{3}{8}$
I	.90	$7\frac{1}{4}$	$I\frac{3}{8}$	5.20	$12\frac{1}{2}$
$I\frac{1}{8}$	.95	$7\frac{1}{2}$	$I\frac{13}{32}$	5.40	$12\frac{1}{2}$
$I\frac{1}{4}$	1.00	$7\frac{3}{4}$	$I\frac{7}{16}$	5.60	$12\frac{5}{8}$
$I\frac{3}{8}$	1.10	8	$I\frac{15}{32}$	5.80	$12\frac{5}{8}$
$I\frac{1}{2}$	1.20	$8\frac{1}{4}$	$I\frac{1}{2}$	6.00	$12\frac{5}{8}$
$I\frac{3}{4}$	1.30	$8\frac{1}{2}$	These drills will fit the following drill presses:		
$I\frac{5}{8}$	1.40	$8\frac{3}{4}$			
$I\frac{7}{8}$	1.50	9	Boynton & Plummer, Worcester, Mass., Nos. 1, $1\frac{1}{2}$, 2, 6, 7, 8 and 9.		
I	1.60	$9\frac{1}{4}$	Buffalo Forge Co., Buffalo, N. Y., all sizes.		
$I\frac{1}{8}$	1.70	$9\frac{1}{2}$	Champion, Lancaster, Pa., all sizes.		
$I\frac{1}{4}$	1.85	$9\frac{3}{4}$	Geo. Burnham & Co., Worcester, Mass., Nos. 0, 1, 2 and 5.		
$I\frac{3}{8}$	2.00	$9\frac{7}{8}$	Hauck & Comstock, Mechanicsburg, Pa.		
$I\frac{1}{2}$	2.15	10	Geo. C. Taft, Worcester, Mass., No. 2, old or new style, or horizontal, Nos. $2\frac{1}{2}$ and 3.		
$I\frac{3}{4}$	2.30	$10\frac{1}{4}$	Asa Goddard, Worcester, Mass., Nos. 2 and 4.		
$I\frac{5}{8}$	2.45	$10\frac{1}{2}$	Illinois Iron & Bolt Works, Carpentersville, Ill., Bailey, Nos. 3 and 4.		
$I\frac{7}{8}$	2.60	$10\frac{3}{8}$	Silver Mfg. Co., Salem, O., Nos. 1 and 2, and Bench Drill.		
I	2.75	$10\frac{3}{4}$	Wells Bros. & Co., Greenfield, Mass., Nos. 3, 9 and 10, Bench Drill; Nos. 2 and 3, horizontal.		
$I\frac{1}{8}$	2.90	$10\frac{7}{8}$	Wiley & Russell Mfg Co., Greenfield, Mass., Nos. 2 and 22.		
$I\frac{1}{4}$	3.00	II	Potts & Weber, Lancaster, Pa., all sizes.		
$I\frac{3}{8}$	3.20	$11\frac{1}{8}$	M. L. Edwards Mfg. Co., Salem, O., all sizes.		

Drill for Blacksmiths, Drill
Process.

98000

100

10

1000

Drills for Blacksmiths' Drill Presses.

Coe's.

SHANKS ABOUT $\frac{4\frac{1}{4}}{6\frac{1}{4}}$ INCH.

Diam.	Price each.	Length in inches.	Diam.	Price each.	Length in inches.
$\frac{1}{8}$	\$0.55	$4\frac{7}{8}$	I	\$1.80	6
$\frac{5}{32}$	.58	$4\frac{7}{8}$	I $\frac{1}{32}$	1.90	6
$\frac{3}{16}$	.60	$5\frac{3}{8}$	I $\frac{1}{16}$	2.00	6
$\frac{7}{32}$	.65	$5\frac{3}{8}$	I $\frac{3}{32}$	2.10	6
$\frac{1}{4}$	.70	6	I $\frac{1}{8}$	2.20	6
$\frac{9}{32}$	.73	6	I $\frac{5}{32}$	2.25	6
$\frac{5}{16}$	.75	6	I $\frac{3}{16}$	2.30	6
$\frac{11}{32}$	.80	6	I $\frac{7}{32}$	2.35	6
$\frac{3}{8}$	.85	6	I $\frac{1}{4}$	2.40	6
$\frac{13}{32}$	.88	6	I $\frac{9}{32}$	2.50	6
$\frac{7}{16}$	.90	6	I $\frac{5}{16}$	2.60	6
$\frac{15}{32}$	.93	6	I $\frac{11}{32}$	2.70	6
$\frac{1}{2}$	.95	6	I $\frac{3}{8}$	2.80	6
$\frac{17}{32}$	.98	6	I $\frac{13}{32}$	2.90	6
$\frac{9}{16}$	1.00	6	I $\frac{7}{16}$	3.00	6
$\frac{19}{32}$	1.03	6	I $\frac{15}{32}$	3.10	6
$\frac{5}{8}$	1.05	6	I $\frac{1}{2}$	3.20	6
$\frac{21}{32}$	1.10	6			
$\frac{11}{16}$	1.15	6	These drills will fit the following drill presses:		
$\frac{23}{32}$	1.20	6	Boynton & Plummer, Worcester, Mass., Nos. 3, 4 and 5.		
$\frac{3}{4}$	1.25	6	Coe Manufacturing Co., Fentonville, Mich., all sizes.		
$\frac{25}{32}$	1.30	6	Geo. Burnham & Co., Worcester, Mass., Nos. 3, 4, 6 and 7.		
$\frac{13}{16}$	1.35	6	Illinois Iron & Bolt Co., Carpentersville, Ill., Bailey, No. 5, and Illinois Upright.		
$\frac{27}{32}$	1.40	6	Silver Manufacturing Co., Salem, O., Nos. 3 and 4.		
$\frac{7}{8}$	1.45	6	Wiley & Russell Mfg. Co., Greenfield, Mass., Nos. 3, 4, 6 and 60.		
$\frac{29}{32}$	1.55	6	Wells Bros. & Co., Greenfield, Mass., No. 1.		
$\frac{15}{8}$	1.60	6	Asa Goddard, Worcester, Mass., No. 3.		
$\frac{31}{32}$	1.70	6			

Note: Some Drills vary slightly in length, according to maker.

Taper Square Shank Drills.

FITTING RATCHETS.

Diam.	Price each.	Length in inches.
$\frac{1}{4}$	\$1.00	5
$\frac{3}{8}$	1.05	5
$\frac{1}{2}$	1.10	5
$\frac{5}{8}$	1.15	5
$\frac{3}{4}$	1.20	6
$\frac{7}{8}$	1.25	6 $\frac{1}{4}$
1	1.25	6 $\frac{1}{4}$
$1\frac{1}{8}$	1.30	6 $\frac{1}{4}$
$1\frac{1}{4}$	1.30	6 $\frac{1}{2}$
$1\frac{3}{8}$	1.35	6 $\frac{1}{2}$
$1\frac{1}{2}$	1.35	6 $\frac{1}{2}$
$1\frac{5}{8}$	1.40	6 $\frac{1}{2}$
$1\frac{3}{4}$	1.40	6 $\frac{1}{2}$
$1\frac{7}{8}$	1.45	6 $\frac{1}{2}$
2	1.45	6 $\frac{1}{2}$
$2\frac{1}{8}$	1.50	6 $\frac{1}{2}$
$2\frac{1}{4}$	1.55	6 $\frac{1}{2}$
$2\frac{3}{8}$	1.65	6 $\frac{1}{2}$
$2\frac{1}{2}$	1.75	7
$2\frac{5}{8}$	1.90	7
$2\frac{3}{4}$	2.05	7 $\frac{1}{2}$
$2\frac{7}{8}$	*2.15	7 $\frac{1}{2}$
3	2.30	8
$3\frac{1}{8}$	†2.45	8
$3\frac{1}{4}$	2.55	8 $\frac{1}{2}$
$3\frac{3}{8}$	2.70	8 $\frac{1}{2}$
$3\frac{1}{2}$	2.85	8 $\frac{1}{2}$
$3\frac{5}{8}$	3.00	8 $\frac{1}{2}$
$3\frac{3}{4}$	3.10	9
$3\frac{7}{8}$	3.25	9
4	3.35	9
$4\frac{1}{8}$	3.50	9
$4\frac{1}{4}$	3.65	9
$4\frac{3}{8}$	3.75	9
$4\frac{1}{2}$	3.90	9
$4\frac{5}{8}$	4.05	9
$4\frac{3}{4}$	4.20	9
$4\frac{7}{8}$	4.35	9
5	4.50	9
$5\frac{1}{8}$	4.65	9
$5\frac{1}{4}$	4.80	9
$5\frac{3}{8}$	5.10	10
$5\frac{1}{2}$	5.40	10
$5\frac{5}{8}$	5.75	10
$5\frac{3}{4}$	6.10	10
$5\frac{7}{8}$	6.50	10
6	6.90	10
$6\frac{1}{8}$	7.30	10
$6\frac{1}{4}$	7.75	11

* Some lists, \$2.20.

† Some lists, \$2.40

Note: Some Drills vary slightly in length, according to maker.

Straight Shank Straight Fluted Drills.

JOBBER'S AND MACHIN-
ISTS' SETS.

Diam.	Price per dozen.	Price each.	Length in inches.
$\frac{1}{16}$	\$1.00	\$0.09	2 $\frac{1}{2}$
$\frac{5}{64}$	1.10	.10	2 $\frac{5}{8}$
$\frac{3}{32}$	1.20	.11	2 $\frac{3}{4}$
$\frac{7}{64}$	1.30	.12	2 $\frac{7}{8}$
$\frac{1}{8}$	1.45	.13	3
$\frac{9}{64}$	1.60	.15	3 $\frac{1}{8}$
$\frac{5}{32}$	1.80	.16	3 $\frac{1}{4}$
$\frac{11}{64}$	2.00	.18	3 $\frac{3}{8}$
$\frac{3}{16}$	2.20	.20	3 $\frac{1}{2}$
$\frac{13}{64}$	2.40	.21	3 $\frac{5}{8}$
$\frac{7}{32}$	2.65	.23	3 $\frac{3}{4}$
$\frac{15}{64}$	2.90	.26	3 $\frac{7}{8}$
$\frac{1}{4}$	3.15	.28	4
$\frac{17}{64}$	3.40	.30	4 $\frac{1}{8}$
$\frac{9}{32}$	3.65	.32	4 $\frac{1}{4}$
$\frac{19}{64}$	3.90	.35	4 $\frac{3}{8}$
$\frac{1}{5}$	4.20	.37	4 $\frac{1}{2}$
$\frac{21}{64}$	4.50	.40	4 $\frac{5}{8}$
$\frac{11}{32}$	4.80	.42	4 $\frac{3}{4}$
$\frac{23}{64}$	5.10	.45	4 $\frac{7}{8}$
$\frac{3}{8}$	5.40	.48	5
$\frac{25}{64}$	5.70	.50	5 $\frac{1}{8}$
$\frac{13}{32}$	6.00	.53	5 $\frac{1}{4}$
$\frac{27}{64}$	6.40	.55	5 $\frac{3}{8}$
$\frac{7}{16}$	6.80	.59	5 $\frac{1}{2}$
$\frac{29}{64}$	7.20	.63	5 $\frac{5}{8}$
$\frac{15}{32}$	7.50	.65	5 $\frac{3}{4}$
$\frac{31}{64}$	7.75	.67	5 $\frac{7}{8}$
$\frac{1}{2}$	8.00	.70	6

Straight Shank Drills.

Jobbers' Lengths.

Diameter.	Price per Dozen.	Price Each.	Length in Inches.
$\frac{1}{16}$	\$1.00	\$0.09	2½
$\frac{3}{32}$	1.10	.10	2¾
$\frac{1}{8}$	1.20	.11	2¾
$\frac{5}{32}$	1.30	.12	2¾
$\frac{3}{16}$	1.45	.13	3
$\frac{7}{32}$	1.60	.15	3½
$\frac{1}{4}$	1.80	.16	3¾
$\frac{9}{32}$	2.00	.18	3¾
$\frac{5}{16}$	2.20	.20	3½
$\frac{11}{32}$	2.40	.21	3¾
$\frac{3}{8}$	2.65	.23	3¾
$\frac{13}{32}$	2.90	.26	3¾
$\frac{7}{16}$	3.15	.28	4
$\frac{15}{32}$	3.40	.30	4½
$\frac{1}{2}$	3.65	.32	4¾
$\frac{17}{32}$	3.90	.35	4¾
$\frac{9}{16}$	4.20	.37	4½
$\frac{19}{32}$	4.50	.40	4¾
$\frac{5}{8}$	4.80	.42	4¾
$\frac{21}{32}$	5.10	.45	4¾
$\frac{11}{16}$	5.40	.48	5
$\frac{23}{32}$	5.70	.50	5½
$\frac{3}{4}$	6.00	.53	5¼
$\frac{25}{32}$	6.40	.55	5¾
$\frac{13}{16}$	6.80	.59	5½
$\frac{27}{32}$	7.20	.63	5¾
$\frac{7}{8}$	7.50	.65	5¾
$\frac{29}{32}$	7.75	.67	5¾
$\frac{15}{16}$	8.00	.70	6

Straight Shank Letter Size Drills.

Diameter.	Price per Doz.	Price Each.	Size of Hole.	Length.
A $\frac{1}{16}$	\$2.90	\$0.26	.234	3½
B $\frac{3}{32}$	3.00	.27	.238	"
C $\frac{1}{8}$	3.10	.28	.242	"
D $\frac{5}{32}$	3.20	.29	.246	"
E $\frac{3}{16}$	3.30	.30	.250	"
F $\frac{7}{32}$	3.40	.30	.257	4¼
G $\frac{1}{4}$	3.50	.31	.261	"
H $\frac{9}{32}$	3.60	.32	.266	"
I $\frac{5}{16}$	3.70	.33	.272	"
J $\frac{11}{32}$	3.80	.34	.277	"
K $\frac{3}{8}$	3.90	.35	.281	"
L $\frac{13}{32}$	4.00	.36	.290	"
M $\frac{7}{16}$	4.10	.36	.295	"
N $\frac{15}{32}$	4.20	.37	.302	"
O $\frac{1}{2}$	4.30	.38	.316	"
P $\frac{9}{16}$	4.40	.39	.323	4¾
Q $\frac{5}{8}$	4.60	.40	.332	4¾
R $\frac{11}{16}$	4.80	.42	.339	4¾
S $\frac{3}{4}$	5.00	.44	.348	4¾
T $\frac{23}{32}$	5.20	.45	.358	4¾
U $\frac{25}{32}$	5.40	.47	.368	5
V $\frac{27}{32}$	5.60	.49	.377	5
W $\frac{29}{32}$	5.80	.51	.386	5½
X $\frac{15}{16}$	6.00	.53	.397	5¼
Y $\frac{13}{16}$	6.40	.55	.404	5¼
Z $\frac{11}{16}$	6.80	.59	.413	5¾

Prices of Drills in Sets.

No. 1.	Set of Taper Shank Drills, $\frac{1}{4}$ to 1 in., varying by 16ths.....	\$20.00
No. 2.	Set of Taper Shank Drills, $\frac{3}{8}$ to 1¼ in., varying by 16ths.....	34.50
No. 3.	Set of Taper Shank Drills, $\frac{3}{8}$ to ¾ in. by 32ds, $\frac{3}{4}$ to 1¼ in. by 16ths.....	42.00
No. 4.	Set of Taper Shank Drills, $\frac{3}{8}$ to ¾ in. by 32ds, $\frac{3}{4}$ to 2 in. by 16ths.....	131.00
No. 5.	Set Drills, Straight Shanks, $\frac{1}{16}$ to ½ in. by 64ths, mounted.....	10.00
No. 6.	Set Drills, Straight Shanks, $\frac{1}{16}$ to ½ in. by 32ds, mounted.....	5.40
No. 7.	Set Drills from No. 60 to ¾ in., mounted.....	9.90
No. 8.	Set Drills, Steel Wire Gauge, from No. 1 to 60, mounted.....	8.10
No. 9.	Half Set Drills, alternate Nos. from 1 to 59, mounted.....	4.30
No. 10.	Jewelers' Set of 36 Drills, No. 30 ($\frac{1}{8}$ in.) to No. 65, Steel Wire Gauge, mounted in a Mahogany case with cap.....	4.25
No. 11.	Set of Taper Shank Drills, $\frac{3}{8}$ to 2 in. by 32ds.....	*240.00
No. 12.	Set Machine Bits, $\frac{1}{8}$ in. to ½ in., mounted, varying by 32ds.....	7.00
No. 13.	Set Bit Stock Drills, $\frac{1}{16}$ to ¾ by 32ds, $\frac{1}{8}$ to ¾ by 16ths, boxed.....	\$2.60 or 2.75

* Some Lists \$242.55.

Taper Shank Straight Fluted Drills.

Diam.	Price each.	Length in inches.	Socket.	Diam.	Price each.	Length in inches.	Socket.
$\frac{1}{4}$	\$0.60	6 $\frac{1}{8}$	No. 1, \$1.20	$1\frac{1}{32}$	\$5.40	14 $\frac{5}{8}$	No. 4, \$4.00.
$\frac{9}{32}$	.65	6 $\frac{1}{4}$		$1\frac{7}{16}$	5.60	14 $\frac{3}{4}$
$\frac{5}{16}$	.70	6 $\frac{3}{8}$		$1\frac{1}{2}$	5.80	14 $\frac{1}{2}$
$\frac{11}{32}$	.75	6 $\frac{1}{2}$		$1\frac{1}{2}$	6.00	15
$\frac{3}{8}$	.80	6 $\frac{3}{4}$		$1\frac{1}{2}$	6.30	15
$\frac{13}{32}$	.85	7		$1\frac{1}{8}$	6.60	15 $\frac{1}{4}$
$\frac{7}{16}$	.90	7 $\frac{1}{4}$		$1\frac{9}{16}$	6.90	15 $\frac{1}{4}$
$\frac{15}{32}$	.95	7 $\frac{1}{2}$		$1\frac{5}{8}$	7.20	15 $\frac{1}{2}$
$\frac{1}{2}$	1.00	7 $\frac{3}{4}$		$1\frac{3}{4}$	7.50	15 $\frac{1}{2}$	
$\frac{17}{32}$	1.10	8		$1\frac{1}{2}$	7.80	15 $\frac{3}{4}$	
$\frac{9}{16}$	1.20	8 $\frac{1}{4}$		$1\frac{3}{8}$	8.10	15 $\frac{3}{4}$	
$\frac{19}{32}$	1.30	8 $\frac{1}{2}$		$1\frac{3}{4}$	8.40	16	
$\frac{5}{8}$	1.40	8 $\frac{3}{4}$		$1\frac{5}{8}$	8.60	16	
$\frac{21}{32}$	1.50	9	No. 2, \$1.80	$1\frac{3}{8}$	8.80	16 $\frac{1}{4}$	No. 5, \$7.50.
$\frac{11}{16}$	1.60	9 $\frac{1}{4}$		$1\frac{7}{8}$	9.00	16 $\frac{1}{2}$	
$\frac{23}{32}$	1.70	9 $\frac{1}{2}$		$1\frac{7}{8}$	9.20	16 $\frac{1}{2}$	
$\frac{3}{4}$	1.85	9 $\frac{3}{4}$		$1\frac{9}{8}$	9.35	16 $\frac{1}{2}$	
$\frac{25}{32}$	2.00	9 $\frac{7}{8}$		$1\frac{5}{8}$	9.50	16 $\frac{1}{2}$	
$\frac{13}{16}$	2.15	10		$1\frac{3}{2}$	9.65	16 $\frac{1}{2}$	
$\frac{27}{32}$	2.30	10 $\frac{1}{4}$		2	9.80	16 $\frac{1}{2}$	
$\frac{7}{8}$	2.45	10 $\frac{1}{2}$		$2\frac{1}{32}$	10.20	16 $\frac{1}{2}$	
$\frac{29}{32}$	2.60	10 $\frac{5}{8}$		$2\frac{1}{16}$	10.60	17	
$\frac{15}{16}$	2.75	10 $\frac{3}{4}$		$2\frac{1}{8}$	11.20	17	
$\frac{31}{32}$	2.90	10 $\frac{7}{8}$		$2\frac{3}{16}$	12.00	17	
1	3.00	11	No. 3, \$2.50	$2\frac{1}{4}$	12.80	17 $\frac{1}{2}$	
$1\frac{1}{32}$	3.20	11 $\frac{1}{8}$		$2\frac{5}{16}$	13.60	17 $\frac{1}{2}$	
$1\frac{1}{16}$	3.40	11 $\frac{1}{4}$		$2\frac{3}{8}$	14.40	18	
$1\frac{3}{32}$	3.60	11 $\frac{1}{2}$		$2\frac{7}{16}$	15.00	18 $\frac{1}{2}$	
$1\frac{1}{8}$	3.80	11 $\frac{3}{4}$		$2\frac{1}{2}$	15.60	19	
$1\frac{5}{32}$	4.00	11 $\frac{7}{8}$		$2\frac{9}{16}$	16.20	19 $\frac{1}{4}$	
$1\frac{3}{16}$	4.20	12		$2\frac{5}{8}$	16.80	19 $\frac{1}{2}$	
$1\frac{7}{32}$	4.40	12 $\frac{1}{8}$		$2\frac{11}{16}$	17.60	20	
$1\frac{1}{2}$	4.50	12 $\frac{1}{2}$		$2\frac{3}{4}$	19.00	20 $\frac{1}{2}$	
$1\frac{9}{32}$	4.65	14 $\frac{1}{8}$	No. 4.	$2\frac{13}{16}$	20.00	20 $\frac{1}{2}$	
$1\frac{5}{16}$	4.80	14 $\frac{1}{4}$		$2\frac{7}{8}$	21.00	21	
$1\frac{11}{32}$	5.00	14 $\frac{3}{8}$		$2\frac{15}{16}$	23.00	21	
$1\frac{3}{8}$	5.20	14 $\frac{1}{2}$		3	25.00	22	

Note: Some Drills vary slightly in length, according to maker.

Machine Bits for Wood.

½-inch Diameter Shanks.

ALSO TAPER LENGTHS.

Diam.	Price each.	Length in inches.
⅛	\$0.50	5 ½
3/32	.50	5 ¾
1/8	.60	5 ¾
7/32	.60	5 ¾
¼	.70	6 ¼
9/32	.75	6 ¼
5/16	.80	6 ¾
11/32	.85	6 ½
¾	.90	6 ¾
13/32	.95	7
7/8	1.00	7 ¼
15/32	1.10	7 ½
½	1.20	7 ¾
17/32	1.30	8
15/16	1.40	8 ¼
19/32	1.50	8 ½
5/8	1.60	8 ¾
21/32	1.70	9
11/8	1.80	9 ¼
23/32	1.90	9 ½
¾	2.00	9 ¾
25/32	2.20	9 ¾
13/16	2.40	10
27/32	2.50	10 ¼
7/8	2.60	10 ½
29/32	2.80	10 ¾
15/8	3.00	10 ¾
31/32	3.20	10 ¾
I	3.40	II

Straight Shank Machine Bits

FOR WOOD.

Diam.	Price each.	Length in inches.
⅛	\$0.20	3
3/32	.25	3 ¼
1/8	.30	3 ½
7/32	.35	3 ¾
¼	.40	4
9/32	.45	4 ¼
5/16	.50	4 ½
11/32	.55	4 ¾
¾	.65	5
13/32	.70	5 ¼
7/8	.75	5 ½
15/32	.80	5 ¾
½	.85	6
17/32	.95	6 ¼
9/16	1.00	6 ½
5/8	1.15	6 ¾
11/8	1.35	7
¾	1.65	7 ½
13/8	1.95	8
7/8	2.30	8 ½
15/8	2.65	9
I	3.00	9 ½
I 1/16	3.60	11 ¼
I 1/8	4.00	11 ¾
I 3/16	4.40	12
I ¼	4.80	12 ½

Machine Bits for Wood.

TAPER SHANK.

Diam.	Price each.	Length in inches.	Socket.
⅛	\$0.50	4 1/8	No. 1, \$1.20.
3/32	.50	4 1/8	
1/8	.60	5 1/8	
7/32	.60	5 1/8	
¼	.70	6 1/8	
9/32	.75	6 ¼	
5/16	.80	6 ¾	
11/32	.85	6 ½	
¾	.90	6 ¾	
13/32	.95	7	
7/8	1.00	7 ¼	No. 1, \$1.20.
15/32	1.10	7 ½	
½	1.20	7 ¾	
17/32	1.30	8	
9/16	1.40	8 ¼	
19/32	1.50	8 ½	
5/8	1.60	8 ¾	
21/32	1.70	9	
11/8	1.80	9 ¼	
23/32	1.90	9 ½	
¾	2.00	9 ¾	No. 2, \$1.80.

Note : Some Bits vary slightly in length, according to maker.

Straight Shank Drills.

Taper Length.

Diameter.	Price Each.	Length.	Diameter.	Price Each.	Length.
$\frac{1}{16}$	\$0.35	3 $\frac{5}{8}$	$\frac{1}{8}$	\$4.80	14 $\frac{1}{4}$
$\frac{3}{32}$	*.35	4 $\frac{3}{8}$	$\frac{1}{4}$	5.00	14 $\frac{3}{8}$
$\frac{1}{8}$	.45	5 $\frac{1}{8}$	$\frac{3}{8}$	5.20	14 $\frac{1}{2}$
$\frac{5}{32}$	.45	5 $\frac{3}{8}$	$\frac{1}{2}$	5.40	14 $\frac{3}{8}$
$\frac{3}{16}$	.50	5 $\frac{5}{8}$	$\frac{5}{8}$	5.60	14 $\frac{1}{2}$
$\frac{7}{32}$	.55	5 $\frac{7}{8}$	$\frac{15}{16}$	5.80	14 $\frac{3}{4}$
$\frac{1}{4}$	.60	6 $\frac{1}{8}$	1	6.00	15
$\frac{9}{32}$	.65	6 $\frac{1}{4}$			
$\frac{5}{16}$	.70	6 $\frac{3}{8}$	$\frac{1}{8}$	6.30	15 $\frac{1}{8}$
$\frac{3}{8}$	.75	6 $\frac{1}{2}$	$\frac{1}{4}$	6.60	15 $\frac{1}{4}$
$\frac{7}{16}$	.80	6 $\frac{3}{4}$	$\frac{3}{8}$	6.90	15 $\frac{3}{8}$
$\frac{1}{2}$	.85	7	$\frac{1}{2}$	7.20	15 $\frac{1}{2}$
$\frac{9}{16}$	.90	7 $\frac{1}{4}$	$\frac{5}{8}$	7.50	15 $\frac{3}{4}$
$\frac{5}{8}$	.95	7 $\frac{1}{2}$	$\frac{3}{4}$	7.80	15 $\frac{1}{2}$
1	1.00	7 $\frac{3}{4}$	1	8.10	15 $\frac{3}{4}$
$1\frac{1}{16}$	1.10	8	$1\frac{1}{8}$	8.40	16
$1\frac{1}{8}$	1.20	8 $\frac{1}{4}$	$1\frac{1}{4}$	8.60	16 $\frac{1}{8}$
$1\frac{1}{4}$	1.30	8 $\frac{1}{2}$	$1\frac{3}{8}$	8.80	16 $\frac{1}{4}$
$1\frac{3}{8}$			$1\frac{1}{2}$	9.00	16 $\frac{3}{8}$
$1\frac{1}{2}$			$1\frac{5}{8}$	9.20	16 $\frac{1}{2}$
$1\frac{5}{8}$			$1\frac{3}{4}$	9.35	16 $\frac{3}{4}$
$1\frac{3}{4}$			$1\frac{7}{8}$	9.50	16 $\frac{1}{2}$
$1\frac{7}{8}$			2	9.65	16 $\frac{3}{4}$
2			$2\frac{1}{8}$		
$2\frac{1}{8}$			$2\frac{1}{4}$	9.80	16 $\frac{1}{2}$
$2\frac{1}{4}$			$2\frac{3}{8}$	10.20	16 $\frac{3}{4}$
$2\frac{3}{8}$			$2\frac{1}{2}$	10.60	17
$2\frac{1}{2}$			$2\frac{5}{8}$	11.20	17
$2\frac{5}{8}$			$2\frac{3}{4}$	12.00	17
$2\frac{3}{4}$			$2\frac{7}{8}$	12.80	17 $\frac{1}{2}$
$2\frac{7}{8}$			3	13.60	17 $\frac{1}{2}$
3			$3\frac{1}{8}$	14.40	18
$3\frac{1}{8}$			$3\frac{1}{4}$	15.00	18 $\frac{1}{2}$
$3\frac{1}{4}$			$3\frac{3}{8}$	15.60	19
$3\frac{3}{8}$			$3\frac{1}{2}$	16.20	19 $\frac{1}{4}$
$3\frac{1}{2}$			$3\frac{5}{8}$	16.80	19 $\frac{1}{2}$
$3\frac{5}{8}$			$3\frac{3}{4}$	17.00	20
$3\frac{3}{4}$			$3\frac{7}{8}$	19.00	20 $\frac{1}{2}$
4			4	20.00	20 $\frac{1}{2}$
$4\frac{1}{8}$			$4\frac{1}{4}$	21.00	21
$4\frac{1}{4}$			$4\frac{3}{8}$	23.00	21
$4\frac{3}{8}$			$4\frac{1}{2}$	25.00	22

* Some lists 40 cents.

Note: Some Drills vary slightly in length, according to maker.

Straight Shank Drills.

64th Sizes.

Diameter.	Price Each.	Length.	Diameter.	Price Each.	Length.
$\frac{1}{16}$	\$0.60	6 $\frac{1}{8}$	$\frac{1}{8}$	\$4.65	14 $\frac{1}{8}$
$\frac{3}{32}$	.65	6 $\frac{1}{4}$	$\frac{1}{4}$	4.80	14 $\frac{1}{4}$
$\frac{1}{8}$	.70	6 $\frac{3}{8}$	$\frac{3}{8}$	5.00	14 $\frac{3}{8}$
$\frac{5}{32}$	.75	6 $\frac{1}{2}$	$\frac{1}{2}$	5.20	14 $\frac{1}{2}$
$\frac{3}{16}$	.80	6 $\frac{3}{4}$	$\frac{5}{8}$	5.40	14 $\frac{3}{4}$
$\frac{7}{32}$	.85	7	$\frac{3}{4}$	5.60	14 $\frac{1}{2}$
$\frac{1}{4}$	.90	7 $\frac{1}{4}$	1	5.80	14 $\frac{3}{4}$
$\frac{9}{32}$	.95	7 $\frac{1}{2}$	$1\frac{1}{8}$	6.00	15
$\frac{5}{16}$	1.00	7 $\frac{3}{4}$	$1\frac{1}{4}$		
$\frac{3}{8}$	1.10	8	$1\frac{3}{8}$	6.30	15 $\frac{1}{8}$
$\frac{7}{16}$	1.20	8 $\frac{1}{4}$	$1\frac{1}{2}$	6.60	15 $\frac{1}{4}$
$\frac{1}{2}$	1.30	8 $\frac{1}{2}$	$1\frac{3}{4}$	6.90	15 $\frac{3}{8}$
$\frac{9}{16}$			$1\frac{5}{8}$	7.20	15 $\frac{1}{2}$
$\frac{5}{8}$			$1\frac{3}{4}$	7.50	15 $\frac{3}{4}$
$\frac{11}{16}$			$1\frac{7}{8}$	7.80	15 $\frac{1}{2}$
$\frac{3}{4}$			2	8.10	15 $\frac{3}{4}$
$\frac{7}{8}$			$2\frac{1}{8}$	8.40	16
1			$2\frac{1}{4}$	8.60	16 $\frac{1}{8}$
$1\frac{1}{8}$			$2\frac{3}{8}$	8.80	16 $\frac{1}{4}$
$1\frac{1}{4}$			$2\frac{1}{2}$	9.00	16 $\frac{3}{8}$
$1\frac{1}{2}$			$2\frac{5}{8}$	9.20	16 $\frac{1}{2}$
$1\frac{3}{4}$			$2\frac{3}{4}$	9.35	16 $\frac{3}{4}$
$1\frac{5}{8}$			$2\frac{7}{8}$	9.50	16 $\frac{1}{2}$
$1\frac{7}{8}$			3	9.65	16 $\frac{3}{4}$
2			$3\frac{1}{8}$	9.80	16 $\frac{1}{2}$
$2\frac{1}{8}$			$3\frac{1}{4}$		
$2\frac{1}{4}$			$3\frac{3}{8}$	10.20	16 $\frac{3}{4}$
$2\frac{3}{8}$			$3\frac{1}{2}$	10.60	17
$2\frac{1}{2}$			$3\frac{5}{8}$	11.20	17
$2\frac{5}{8}$			$3\frac{3}{4}$	12.00	17
$2\frac{3}{4}$			$3\frac{7}{8}$	12.80	17 $\frac{1}{2}$
$2\frac{7}{8}$			4	13.60	17 $\frac{1}{2}$
3			$4\frac{1}{8}$	14.40	18
$3\frac{1}{8}$			$4\frac{1}{4}$	15.00	18 $\frac{1}{2}$
$3\frac{1}{4}$			$4\frac{3}{8}$	15.60	19

Note: Some Drills vary in length, according to maker.

Straight Shank Drills.

Stubs' Steel Wire Gauge.

Nos. by Gauge.	Price per Dozen.	Price Each.	Nos. by Gauge.	Price per Dozen.	Price Each.
1 to 5	\$2.35	\$0.22	31 to 35	\$1.40	\$0.14
6 to 10	2.25	.21	36 to 40	1.25	.12
11 to 15	2.10	.20	41 to 45	1.10	.10
16 to 20	1.95	.19	46 to 60	.95	.09
21 to 25	1.75	.17	61 to 70	.90	.08
26 to 30	1.55	.15	71 to 80	1.00	.09

Wooden Faucets. Per Doz.

Cork Lined.

Inch,	7	8	9	10	10½	11	12	12	13	14	16	18	20*
High List.	\$1.00	1.25	1.50	1.75	2.00	2.25	3.50	5.00	7.00	10.00	4.00	5.00	6.00

* Some maker's list 16, 18 and 20 inch \$10.00 higher than above.

Inch,	6	7	8	9	10	12	18	24	14	15
Low List.....	\$0.75	.75	1.00	1.25	1.50	2.00	3.25	4.00	4.25	5.00

Cedar.

Inch..	6	7	8	9	10	11
	\$0.85	.90	1.00	1.25	1.50	5.00

Maple, Metal Key, Leather Lined.

Inch..	7	8	9	12	15	18	20 or 21	24
	\$3.50	4.00	4.50	5.00	6.00	7.50	8.50	9.50

List November 1, 1899.

Files.*See also following pages.*

Inch.	Flat.			Inch.	Square.			Inch.	Mill and Round.		
	Bastard.	2d Cut.	Smooth.		Bastard.	2d Cut.	Smooth.		Bastard.	2d Cut.	Smooth.
4	3.70	4.30	4.70	4	3.80	4.60	4.90	4	3.00	3.50	3.90
5	3.90	4.60	4.90	5	4.10	4.80	5.30	5	3.20	3.80	4.10
6	4.30	4.80	5.30	6	4.60	5.10	5.50	6	3.50	4.00	4.50
7	4.80	5.50	6.10	7	5.10	5.80	6.30	7	3.90	4.60	4.90
8	5.30	6.10	6.60	8	5.50	6.30	7.00	8	4.30	4.90	5.40
9	6.30	7.20	7.90	9	6.60	7.70	8.30	9	4.90	5.80	6.30
10	7.00	8.10	8.70	10	7.40	8.50	9.10	10	5.60	6.40	7.00
11	8.60	9.80	10.70	11	9.10	10.40	11.30	11	6.70	7.80	8.50
12	9.70	11.00	12.10	12	10.20	11.50	12.80	12	7.50	8.60	9.40
13	11.80	13.60	14.70	13	12.50	14.30	15.40	13	9.40	10.70	11.70
14	13.30	15.30	16.70	14	13.90	16.10	17.50	14	10.70	12.20	13.10
15	16.00	18.30	20.00	15	16.90	19.20	20.90	15	13.10	15.00	16.10
16	17.80	20.10	22.30	16	18.70	21.20	23.30	16	14.70	16.80	17.90
17	21.50	24.20	26.50	17	22.50	25.40	27.50	17	18.20	20.20	21.70
18	23.90	26.80	29.20	18	25.10	28.20	30.40	18	20.20	22.70	24.30
19	28.40	31.60	34.60	19	29.70	33.20	35.70	19	24.60	27.50	29.40
20	31.50	35.30	38.30	20	32.80	36.70	39.30	20	27.40	30.70	32.90

Cant (Blunt) Dbl. Cut,
advance 2 in.*Square Blunt, advance 1 in.*

Mill Blunt, Dbl. Cut,
adv. 2 in.
Mill Dbl. Cut, " 1 in.
Mill Narrow
Point, " 1 in.

Inch.	MILL. One Round Edge.			MILL. Two Round Edges.		
	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.
4	3.40	3.90	4.40	3.80	4.40	4.90
5	3.60	4.30	4.60	4.00	4.80	5.10
6	3.90	4.50	5.10	4.40	5.00	5.60
7	4.40	5.20	5.50	4.90	5.80	6.10
8	4.80	5.50	6.10	5.40	6.10	6.80
9	5.50	6.50	7.10	6.10	7.30	7.90
10	6.30	7.20	7.90	7.00	8.00	8.80
11	7.50	8.80	9.60	8.40	9.80	10.60
12	8.40	9.70	10.60	9.40	10.80	11.80
13	10.60	12.00	13.20	11.80	13.40	14.60
14	12.00	13.70	14.70	13.40	15.30	16.40
15	14.70	16.90	18.10	16.40	18.80	20.10
16	16.50	18.90	20.10	18.40	21.00	22.40
17	20.50	22.70	24.40	22.80	25.30	27.10
18	22.70	25.50	27.30	25.30	28.40	30.40

Stubs' Tapers. List Aug. 1, 1897.

Inch. $2\frac{1}{2}$ 3 $3\frac{1}{2}$ 4 $4\frac{1}{2}$ 5 $5\frac{1}{2}$ 6 8
 \$1.80 2.20 2.30 2.50 2.80 3.40 3.60 3.80 6.20

Note: Some American makers use Double Cut Taper list instead of above.

Stubs' Warding Files.

List Aug. 1, 1897.

Inch. 3 $3\frac{1}{2}$ 4 $4\frac{1}{2}$ 5 6
 \$2.10 2.10 2.25 2.50 2.85 3.65

For Extras (General) See Next Page.



List November 1, 1899.

Files, Tapers, &c.

See also preceding and following pages.

Inch.	Tapers.		Slim Tapers.		Band Saw Blunt and Taper.	
	Single Cut.	Double Cut.	Single Cut.	Double Cut.	Regular.	Slim.
3	2.10	2.50	2.10	2.50	2.50	2.50
3½	2.10	2.50	2.10	2.50	2.50	2.50
4	2.20	2.90	2.20	2.60	2.90	2.60
4½	2.40	3.10	2.30	3.00	3.10	3.00
5	2.60	3.50	2.50	3.20	3.50	3.20
5½	3.00	4.00	2.90	3.50	4.00	3.50
6	3.40	4.70	3.10	3.90	4.70	3.90
7	4.30	5.60	3.80	4.50	5.60	4.50
8	5.40	6.70	4.50	5.30	6.70	5.30
9	6.60	8.10	5.40	6.30	8.10	6.30
10	8.10	9.70	6.40	7.50	9.70	7.50
11	10.70	12.10	8.30	9.10	12.10	9.10
12	12.50	14.70	9.50	11.00	14.70	11.00
13	15.90	17.50	12.10	13.10	17.50	13.10
14	18.20	20.60	13.80	15.40	20.60	15.40

Inch.	Half Round and Three Square.		
	Bastard.	2d Cut.	Smooth.
4	4.80	5.60	6.10
5	5.40	6.10	6.40
6	6.10	6.70	7.10
7	7.00	7.70	8.20
8	7.50	8.30	8.90
9	8.50	9.40	9.90
10	9.10	10.10	10.70
11	10.70	11.80	12.70
12	11.80	13.00	13.90
13	14.10	15.40	16.60
14	15.50	17.00	18.30
15	18.50	20.40	21.70
16	20.60	22.50	24.20
17	24.70	27.00	28.90
18	27.50	29.90	32.00
19	32.80	35.70	38.10
20	36.20	39.40	42.30

Inch.	Pit Saw.	Cant Saw.	Cross Cut.	Hook Tooth.	Planer Knife.	Inserted Tooth or Chisel Tooth.
	Single Cut.	Single Cut.	Single Cut.	Single Cut.	Single Cut.	
4	4.80	4.30	4.80	.....	.....	.....
5	5.40	4.70	5.40	.....	.....	.....
6	6.10	5.40	6.10	6.70	.....	.....
7	7.00	6.10	7.00	7.70	.....	.....
8	7.50	6.40	7.50	8.30	6.40	8.30
9	8.50	7.80	8.50	9.40	.....	9.40
10	9.10	8.70	9.10	10.10	8.60	10.10
11	10.70	10.40	10.70	11.80	.....	.....
12	11.80	11.40	11.80	13.00	12.10	.....

Climax, adv. 2 in. on Hf. Rd. Bastard.
Round Gulleting, take Pitsaw price.

Double Ended Taper.

Inch.	6	7	8	9	10
	3.50	3.50	3.90	4.40	4.90

Gin Saw,
take Bastard price.
Crossing, adv. 2 in.
Tumbler, " " "
Feather Edge
(*Blunt*), " " "
High Back, " " "
Half Round, " " "

Inch.	Warding.		
	Bastard.	2d Cut.	Smooth.
4	4.00	4.80	5.40
5	4.50	5.30	5.80
6	4.90	5.90	6.40
7	5.90	6.90	7.50
8	6.40	7.50	8.20
9	7.80	9.00	9.90
10	8.70	10.10	11.00
11	10.90	12.70	13.70
12	12.30	14.30	15.40
13	15.20	17.40	18.70
14	17.00	19.40	21.00

EXTRAS (General).

Sizes below 4 inches, not extended, take 4-inch price.
Half inches not specified, take next higher full inch price.
Dead Smooth, double the price of Bastard Cut.
One Round Edge, advance 12½ per cent.
Two Round Edges, advance 25 per cent.
All lengths above those listed, advance 20 per cent. on next lower inch price. Files varying from standard sizes, subject to special prices.
Cuts not specified, made upon regular blanks, advance 1 inch on respective kinds and neurest cut.

List November 1, 1899.

Files and Rasps. *See also preceding pages.*

Horse Rasps.				File Rasps.		Inch.	Wood Files.			Wood Rasps.		
Inch.	Plain.	Beveled and ¾ Rasp.	Tanged.	Flat.	Half Round.		Flat.	Half Round.	Cabinet.	Flat.	Half Round.	Cabinet.
6	.....	.....	.....	7.40	8.10	6	4.30	6.10	8.10	7.40	8.10	10.10
7	.....	.....	.....	8.60	9.30	7	4.80	7.00	9.30	8.60	9.30	11.70
8	.....	.....	.....	9.40	10.10	8	5.30	7.50	10.10	9.40	10.10	12.80
9	.....	.....	.....	11.40	12.20	9	6.30	8.50	12.20	11.40	12.20	15.50
10	9.40	10.70	12.80	12.80	13.70	10	7.00	9.10	13.70	12.80	13.70	17.50
11	11.40	12.90	15.20	15.50	16.80	11	8.60	10.70	16.80	15.50	16.80	20.70
12	12.80	14.40	16.80	17.50	18.70	12	9.70	11.80	18.70	17.50	18.70	22.80
13	15.20	17.00	19.60	20.90	22.40	13	11.80	14.10	22.40	20.90	22.40	26.80
14	17.80	20.10	23.10	23.20	24.80	14	13.30	15.50	24.80	23.20	24.80	29.60
15	20.90	23.60	27.30	27.80	29.70	15	16.00	18.50	29.70	27.80	29.70	33.90
16	24.40	27.50	32.20	30.80	32.90	16	17.80	20.60	32.90	30.80	32.90	36.90
17	28.90	31.50	.....	36.20	38.90	17	21.50	24.70	38.90	36.20	38.90	42.40
18	32.90	36.20	.....	40.90	43.60	18	23.90	27.50	43.60	40.90	43.60	46.90

Shoe Rasps				Hand and Pillar.				Knife.			
Inch.	Flat.	Half Round.	Oval.	Inch.	Bastard.	2d Cut.	Smooth.	Inch.	Bastard.	2d Cut.	Smooth.
6	8.10	8.10	9.30	4	3.70	4.30	4.80	4	5.40	6.10	6.40
7	9.30	9.30	10.10	5	3.90	4.70	5.30	5	6.10	6.70	7.10
8	10.10	10.10	12.20	6	4.30	5.10	5.60	6	6.90	7.50	7.90
9	12.20	12.20	13.70	7	4.90	5.80	6.30	7	7.80	8.50	8.90
10	13.70	13.70	16.80	8	5.40	6.30	6.70	8	8.50	9.10	9.50
11	16.80	16.80	18.70	9	6.70	7.80	8.30	9	9.40	10.60	11.30
12	18.70	18.70	22.40	10	7.50	8.70	9.40	10	10.10	11.50	12.30
13	22.40	22.40	.....	11	9.40	10.90	11.80	11	12.20	13.70	14.60
14	24.80	24.80	.....	12	10.70	12.30	13.50	12	13.70	15.20	16.10
				13	13.30	15.20	16.20	13	16.30	17.90	19.20
				14	15.00	17.00	18.20	14	18.20	19.90	21.20
				15	17.90	20.60	21.70				
				16	20.10	22.80	24.20				
				17	24.20	27.10	28.60				
				18	26.80	29.90	31.50				
				19	31.90	35.40	37.60				
				20	35.10	39.20	41.60				

Last Makers' Rasps.
1 in. advance on Cabinet Rasp

Inch.	Stave Saw.
8	\$9.40

Inch.	Stave Saw Improved.
6	\$6.40
7	7.40
8	8.10
9	9.70
10	10.70
12	15.40

*Slotting (Blt.) advance 2 in.
Cotter Blunt or Taper,
advance 2 in.*

*For General Extras see pre-
ceding page.*

Mass. Fifth

Brass Fittings. Each.

MALLEABLE PATTERN.

	Inch-----	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3	3½	4
<i>Rough. For Iron Pipe.</i>														
Elbows.....	\$0.12	.17	.21	.28	.35	.50	.85	1.10	1.50	3.50	4.50	7.00	10.00	
Elbows, Reducing.....	--	.22	.26	.35	.45	.62	1.10	1.40	1.90	4.40	5.65	8.75	12.50	
Elbows, Street.....	--	--	--	.55	.75	1.00	1.80	2.50	3.25	---	---	---	---	
Tees.....	.15	.20	.30	.40	.50	.75	1.00	1.30	1.75	4.00	5.50	9.00	13.00	
Tees, Reducing.....	--	.25	.38	.50	.63	.95	1.25	1.65	2.20	5.00	6.90	11.25	16.25	
Crosses.....	.25*	.30	.40	.50	.60	.80	1.50	2.00	3.50	5.00	7.00	10.00	14.50	
Crosses, Reducing.....	--	.38	.50	.65	.75	1.00	1.90	2.50	4.40	6.25	8.75	12.50	18.00	
Couplings.....	.10	.14	.16	.25	.37	.50	.60	.90	1.35	2.40	3.50	5.00†	6.00†	
Couplings, R. and L.....	--	.17	.20	.30	.45	.60	.75	1.12	1.75	---	---	---	---	
Couplings, Reducing.....	--	.16	.22	.32	.45	.65	.90	1.12	1.85	3.00	4.50	---	---	
Plugs.....	.09	.10	.12	.15	.20	.28	.40	.50	.90	1.25	2.00	3.00	4.00	
Caps.....	.15	.15	.20	.25	.35	.45	.60	.80	1.10	2.00	3.00	---	---	
Locknuts.....	--	.10	.12	.15	.20	.30	.45	.70	.95	1.50	2.75	---	---	
Bushings.....	--	.10	.12	.14	.21	.38	.50	.67	1.00	1.50	2.50	3.75	5.00	

Rough. Tinned. For Iron Pipe.

Elbows.....	.22	.27	.35	.43	.55	.70	1.05	1.35	1.90	4.00	5.10	8.00	11.50
Elbows, 45°.....	.28	.30	.39	.50	.70	.90	1.25	1.63	2.15	4.18	6.50	---	---
Elbows, Reducing.....	--	.32	.40	.50	.65	.82	1.30	1.65	2.30	4.90	6.25	9.75	14.00
Elbows, Street.....	--	--	--	.73	.98	1.25	2.10	---	---	---	---	---	---
Elbows, Side Outlet.....	--	--	.65	.82	1.13	1.35	1.80	2.35	3.25	---	---	---	---
Tees.....	.25	.31	.45	.58	.73	1.00	1.25	1.70	2.30	4.75	6.50	10.50	15.00
Tees, Reducing.....	--	.36	.53	.68	.86	1.20	1.50	2.05	2.75	5.75	7.90	12.75	18.25
Crosses.....	.38	.43	.58	.71	.89	1.15	1.95	2.80	4.65	6.45	8.80	12.50	17.50
Crosses, Reducing.....	--	.51	.68	.86	1.04	1.35	2.35	3.30	5.55	7.70	10.55	15.00	21.00
Couplings.....	.20	.24	.28	.40	.52	.70	.80	1.10	1.65	2.75	4.10	5.70	7.00
Couplings, R. and L.....	--	.27	.32	.45	.60	.80	.95	1.32	2.05	---	---	---	---
Couplings, Reducing.....	--	.26	.34	.37	.60	.85	1.10	1.32	2.15	3.35	5.10	---	---
Caps.....	.25	.25	.30	.35	.45	.55	.73	.95	1.27	2.25	3.35	---	---
Plugs.....	.17	.18	.20	.25	.30	.38	.52	.62	1.05	1.45	2.25	3.30	4.50
Locknuts.....	--	.18	.20	.25	.30	.40	.57	.85	1.10	1.70	3.00	---	---
Bushings.....	.18	.20	.24	.31	.48	.62	.79	1.15	1.70	2.75	---	---	---
Return Bends, Close.....	--	--	.50	.68	1.06	1.46	2.30	3.42	5.00	7.60	9.80	---	---
Return Bends, Open.....	--	--	.52	.72	1.25	1.70	2.85	3.90	6.60	10.20	13.80	---	---

* Some makers' lists, \$0.20.

† Some makers' lists, \$5.25.

‡ Some makers' lists, \$7.00.

	Inch.....	½	¾	1	1¼	1½	1¾	2	2½	3
<i>Rough. Fine Thread.</i>										
Elbows.....	\$0.21	.28	.32	.35	.50	.85	1.00	1.10	1.30	1.50
Tees.....	.30	.40	.45	.50	.75	1.00	1.15	1.30	1.50	1.75
Crosses.....	.40	.50	.55	.60	.80	1.50	1.75	2.00	2.75	3.50
Reducers.....	.22	.32	.40	.45	.65	.90	1.00	1.12	1.50	1.85
Plugs.....	.12	.15	.18	.20	.28	.40	.45	.50	.75	.90
Caps.....	.20	.25	.30	.35	.45	.60	.70	.80	1.05	1.10
Bushings.....	.12	.14	.18	.21	.38	.50	.60	.67	.85	1.00
Couplings.....	.16	.25	.32	.37	.50	.60	.75	.90	1.15	1.35
Nipples, Close.....	.20	.25	.28	.30	.40	.60	.75	.90	1.10	1.25
Nipples, Long.....	.30	.35	.40	.45	.60	.90	1.10	1.25	1.45	1.60
Unions.....	.55	.75	.90	1.00	1.40	1.90	2.35	2.75	---	---

Brass Fittings. Each.

(Continued.)

MALLEABLE PATTERN.

Inch.....	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
<i>Finished. For Iron Pipe.</i>													
Elbows.....	\$0.24	.34	.42	.56	.70	1.00	1.70	2.20	3.00	7.00	9.00	14.00	20.00
Elbows, 45°.....	.36	.40	.50	.70	1.00	1.40	2.10	2.80	3.60	7.50	12.00	----	----
Elbows, Reducing.....	--	.44	.52	.70	.90	1.25	2.20	2.80	3.80	8.80	11.30	17.50	25.00
Elbows, Side Outlet..	--	--	.96	1.24	1.76	2.20	3.10	4.00	5.50	----	----	----	----
Tees.....	.30	.40	.60	.80	1.00	1.50	2.00	2.60	3.50	8.00	11.00	18.00	26.00
Tees, Reducing.....	--	.50	.76	1.00	1.25	1.90	2.50	3.30	4.40	10.00	13.80	22.50	32.50
Crosses.....	.53*	.60	.80	1.00	1.20	1.60	3.00	4.00	7.00	10.00	14.00	20.00	29.00
Crosses, Reducing.....	--	.75	1.00	1.30	1.50	2.00	3.80	5.00	8.80	12.50	17.50	25.00	36.00
Couplings.....	.20	.28	.32	.50	.75	1.00	1.20	1.80	2.70	4.80	7.00	10.00†	12.00‡
Couplings, R. and L..	--	.31	.36	.55	.82	1.10	1.35	2.00	3.10	----	----	----	----
Couplings, Reducing..	--	.32	.44	.64	.90	1.30	1.80	2.25	3.70	6.00	9.00	----	----
Plugs.....	.18	.20	.24	.30	.40	.56	.80	1.00	1.80	2.50	4.00	6.00	8.00
Caps.....	.30	.30	.40	.50	.70	.90	1.20	1.60	2.20	4.00	6.00	----	----
Locknuts.....	.20	.20	.24	.30	.40	.60	.90	1.40	1.90	3.00	5.50	----	----
Bushings.....	--	.20	.24	.28	.42	.76	1.00	1.35	2.00	3.00	5.00	----	----
Return Bends, Close..	--	--	--	2.50	3.10	3.75	4.70	5.85	7.50	11.00	14.45	----	----
Return Bends, Open..	--	--	--	2.56	3.20	4.00	5.25	6.45	9.10	13.45	17.80	----	----

* Some makers' lists, \$0.40.

† Some makers' lists, \$10.50.

‡ Some makers' lists, \$14.00.

CAST-IRON PATTERN.

Inch.....	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
<i>Rough. For Iron Pipe.</i>											
Elbows.....	\$0.28	.36	.70	1.00	1.50	2.00	3.00	5.50	8.50	12.50	16.00
Elbows, 45°.....	--	.43	.84	1.20	1.86*	2.40	3.60	6.60	10.20	----	----
Elbows, Reducing.....	.32	.42	.80	1.15	1.72	2.30	3.45	6.30	9.75	----	----
Elbows, R. and L.....	.32	.42	.80	1.15	1.72	2.30	3.45	6.30	9.75	----	----
Tees.....	.40	.65	1.00	1.35	2.00	3.00	4.50	7.50	11.00	16.50	20.00
Tees, Reducing.....	.46	.75	1.15	1.55	2.30	3.45	5.20	8.60	12.65	17.00†	22.00
Crosses.....	--	.90	1.30	1.80	2.75	4.00	5.25	9.00	14.00	----	----
Crosses, Reducing.....	--	1.04	1.50	2.10	3.15	4.60	6.00	10.35	16.00	----	----
Return Bends, Close..	--	.70	.85	1.00	2.25	2.75	4.50	----	----	----	----
Return Bends, Open..	--	.75	1.00	1.75	3.00	3.75	6.00	----	----	----	----

* Some makers' lists, \$1.80.

† Some makers' lists, \$18.00. Other makers' lists, \$16.50.

Brass Fittings. Each.

BRASS NIPPLES.

Iron Pipe Sizes.

		Length, Inches.									
Inch.	Close.	1½	2	2½	3	3½	4	4½	5	5½	6
½	\$0.16	.16	.19	.22	.25	.28	.31	.34	.37	.40	.43
¾	.20	.20	.24	.28	.32	.36	.40	.44	.48	.52	.56
¾	.23	.23	.28	.33	.38	.43	.48	.53	.58	.63	.68
1	.30	.30	.36	.42	.48	.54	.60	.66	.72	.78	.84
1¼	.32	---	.39	.46	.53	.60	.67	.74	.81	.88	.95
1½	.40	---	.49	.58	.67	.76	.85	.94	1.03	1.12	1.21
1¾	.63	---	---	.75	.87	.99	1.11	1.23	1.35	1.47	1.59
2	.74	---	---	.88	1.02	1.16	1.30	1.44	1.58	1.72	1.86
2½	1.00	---	---	1.19	1.38	1.57	1.76	1.95	2.14	2.33	2.52
3	1.80	---	---	---	2.04	2.32	2.60	2.88	3.16	3.44	3.72
3½	2.50	---	---	---	2.80	3.20	3.60	4.00	4.40	4.80	5.20
4	4.00	---	---	---	---	---	5.10	5.68	6.26	6.84	7.42
4½	4.75	---	---	---	---	---	5.86	6.53	7.20	7.87	8.54
5	6.00	---	---	---	---	---	7.20	8.01	8.82	9.63	10.44
5½	8.50	---	---	---	---	---	---	10.30	11.35	12.40	13.45
6	11.50	---	---	---	---	---	---	13.65	15.05	16.45	17.85

Malleable Iron Fittings. Each.

PIECE LIST.

See also following page.

Inch	½	¾	1	1½	2	2½	3	3½	4	5	6
<i>Elbows, Plain and Beaded.</i>											
Elbows.....	\$0.04	.04	.06	.10	.15	.22	.25	.35	.50	.80	1.50
Elbows, R. & L.....	.05	.07	.12	.17	.25	.30	.40	.65	---	---	---
Elbows, R.H., Galv.....	.05	.08	.14	.20	.32	.40	.60	.90	1.35	2.60	3.75

Elbows, 45°.

Black.....	.08	.10	.12	.18	.26	.36	.54	.82	1.25	2.50	3.25
Galvanized.....	.12	.15	.20	.25	.40	.50	.85	1.35	---	---	---

Elbows, Street, Side Outlet and Female Drop.

Street, Black.....	.10	.10	.12	.20	.25	.40	.55	.90	1.50	---	---
Street, Galv.....	.12	.12	.15	.28	.35	.55	.80	1.30	---	---	---
Side Outlet, Black.....	.15	.08	.10	.18	.30	.45	.60	1.00	---	---	---
Drop, Black.....	.06	.08	.12	.20	---	---	---	---	---	---	---
Drop, Galv.....	.12	.20	.35	---	---	---	---	---	---	---	---

Inch	¾ x ¾ and ¾ x ¾	Cross-Overs.		
<i>Drop Elbows.</i>		Inch	½	¾
Right or Left, Black.....	\$0.08			
Long Drop, Black.....	.10			
Long Drop, Galvanized.....	.18			
		Cross-Overs.	¾	1
			Black	Galvanized
			¾	1
			.25	.40

Inch	½	¾	1	1½	2	2½	3	4	6
<i>Return Bends, Close Pattern.</i>									
R. H., Black.....	\$0.13	.25	.35	.50	.75	1.00	---	---	---
R. H., Galvanized.....	.25	.35	.55	.75	1.15	1.65	---	---	---
R. and L., Black.....	.15	.30	.45	.60	.90	1.25	---	---	---
L. H., Black.....	.15	.30	.45	.60	.90	1.25	---	---	---

Return Bends, Open Pattern.

R. H., Black.....	.15	.30	.50	.65	.85	1.25	2.00	3.00	---
R. H., Galvanized.....	.25	.45	.70	.90	1.25	2.00	3.50	5.00	---
R. and L., Black.....	.20	.38	.60	.80	1.05	1.55	2.50	3.75	---
L. H., Black.....	.20	.38	.60	.80	1.05	1.55	2.50	3.75	---

Malleable Iron Fittings. Each.

See also preceding and following page.

PIECE LIST.

Inch	1/2	3/8	1	1 1/4	1 1/2	2	2 1/4	3	4	6
<i>Return Bends, Special Wide Pattern. Right Hand.</i>										
Center to Center	1 1/2	4	6	6	6	5	7 1/2	8	6	12
Black	\$0.25	1.00	1.25	1.25	2.00	3.00	5.00	5.00	8.00	16.00
Galvanized	.30	1.35	1.70	1.70	2.75	4.00	6.50	6.50	---	---

Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6
<i>Tees, Plain and Beaded.</i>																
Black	\$0.07	.07	.08	.11	.15	.25	.30	.45	.60	1.05	1.70	2.50	3.40	4.25	5.00	7.00
Galvanized	---	.09	.10	.16	.20	.38	.50	.70	1.00	1.90	3.00	4.25	5.75	---	---	---

Tees, Fourway and Drop.

Fourway, Black	---	---	.12	.14	.20	.35	.50	.80	1.25	---	---	---	---	---	---	---
Drop	---	.08	.10	.14	.22	.30	---	---	---	---	---	---	---	---	---	---
Drop, Galv.	---	---	.15	.25	.40	.55	---	---	---	---	---	---	---	---	---	---

Crosses, Black and Galvanized.

Black	---	.08	.10	.12	.20	.30	.40	.60	1.00	1.75	3.00	3.25	5.25	---	---	---
Galv.	---	---	.15	.17	.25	.45	.60	.90	1.50	2.75	4.25	5.00	8.00	---	---	---

Branches Y and Double Y.

Y Branch, Black	---	---	---	.25	.40	.60	.80	1.00	1.70	2.00	4.00	---	5.50	---	---	---
Y Branch, Galv.	---	---	---	.38	.60	.90	1.25	1.50	2.50	3.00	6.00	---	8.25	---	---	---
Double Y Branch, Black	---	---	---	---	.90	1.25	1.50	2.50	3.00	5.00	---	---	---	---	---	---
Double Y Branch, Galv.	---	---	---	---	1.35	1.90	2.25	3.75	4.50	7.50	---	---	---	---	---	---

Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
<i>Couplings and Caps.</i>												

Reducing Couplings, Black	\$0.03	.03	.05	.10	.16	.20	.28	.45	.70	1.00	1.50	1.85
Reducing Couplings, Galv.	---	.05	.08	.15	.25	.35	.45	.75	1.05	1.65	2.40	3.05
Right Hand Couplings, Black	.03	.04	.07	.10	.14	.20	.25	.35	---	---	---	---
Right Hand Couplings, Galv.	.05	.07	.10	.17	.23	.30	.40	.55	---	---	---	---
Right and Left Couplings, Black	.04	.05	.08	.12	.16	.25	.36	.52	---	---	---	---
Right and Left Couplings, Galv.	.06	.08	.10	.17	.25	.35	.55	.75	---	---	---	---
Caps, Black	.03	.04	.05	.08	.12	.16	.24	.32	.45	.85	*1.00	†1.20
Caps, Galv.	.04	.05	.08	.12	.17	.24	.38	.52	.76	1.30	†1.60	§2.00

* Some makers' lists \$1.50.

† Some makers' lists \$2.00.

‡ Some makers' lists \$2.25.

§ Some makers' lists \$3.00.

Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
<i>Bushings, Locknuts and Extension Pieces.</i>										

Bushings, Plain	\$0.04	.04	.04	.05	.06	.07	.09	.14	.21	---
Bushings, Galvanized	.08	.08	.08	.10	.12	.14	.18	.28	.42	---
Faced Bushings, Plain	---	.08	.09	.11	.13	.17	.22	.32	.48	.70
Locknuts, Plain	.02	.03	.04	.05	.07	.09	.11	.18	.40	.50
Locknuts, Galvanized	.03	.04	.05	.07	.10	.14	.20	.30	.55	.70
Extension Pieces, Plain	---	.06	.09	.12	---	---	---	---	---	---
Extension Pieces, Galvanized	---	.09	.13	.18	---	---	---	---	---	---

Inch	3/4	1	1 1/4	1 1/2	2
<i>Nipples, Right and Left with Hexagon Center.</i>					
Nipples, Hexagon Center	\$0.25	.30	.40	.50	.70

Inch	1 x 3/4	1 1/4 x 1	1 1/2 x 1 1/4	2 x 1 1/2	2 1/2 x 2	3 x 2 1/2	3 1/2 x 3	4 x 3	5 x 4
<i>Couplings, Offset Reducing.</i>									
	\$0.60	.70	.90	1.10	1.80	2.50	3.00	4.00	6.00

Malleable Iron Fittings. Each.

PIECE LIST.

See also preceding page.

Inch.....	¼	¾	½	¾	1							
<i>Nuts, Plates and Hooks.</i>												
Waste Nuts.....	\$0.04	.05	.06	.08	.10							
Wall Plates.....	---	.12	.16	---	---							
Chandelier Loops and Hooks.....	---	.10	.12	---	---							
Inch.....	¼	¾	½	¾	1	1¼	1½	2	2½	3	3½	4
<i>Unions.</i>												
Plain.....	\$0.18	.20	.22	.27	.33	.46	.58	.75	1.55	2.10	3.65	4.35
Galvanized.....	.27	.30	.33	.40	.50	.70	.90	1.15	2.35	3.15	5.50	6.50
<i>Two-Third Unions.</i>												
Plain.....	\$0.12	.14	.16	.19	.22	.30	.40	.50	1.00	1.40	2.40	3.00
Galvanized.....	.18	.20	.22	.25	.35	.50	.60	.75	1.60	2.10	3.70	4.35
<i>American and Keystone Unions.</i>												
Plain.....	\$0.20	.24	.28	.35	.40	.56	.80	.95	2.00	2.75	---	---
Galvanized.....	.24	.28	.35	.46	.55	.78	1.12	1.35	2.90	3.75	---	---
Inch.....	½	¾	1	1¼	1½	2	2½					
<i>Union Elbows.</i>												
Male Union.....	\$0.48	.62	.72	1.05	1.20	1.80	3.30					
Female Union.....	.42	.54	.63	.90	1.05	1.55	2.85					
Galvanized Male Union.....	.72	.93	1.08	1.60	1.80	2.70	4.95					
Galvanized Female Union.....	.63	.81	.95	1.35	1.58	2.35	4.30					
<i>Union Tees.</i>												
Male Union.....	.52	.65	.80	1.10	1.30	1.85	3.70					
Female Union.....	.45	.57	.70	.95	1.15	1.70	3.20					
Galvanized Male Union.....	.78	1.00	1.20	1.65	1.95	2.95	5.55					
Galvanized Female Union.....	.68	.86	1.05	1.45	1.75	2.55	4.80					
Inch.....	Female. Male.		Female. Male.		Female. Male.							
	¾ x ¾	x 1	¾ x ½	x 1	½ x ½	x 1						
<i>Boiler Elbows.</i>												
Galvanized.....	\$0.40		.40		.40							
With Union, Galvanized.....	.75		.75		.60							
<i>Boiler Couplings.</i>												
Galvanized.....	\$0.40		.40		.40							
With Union, Galvanized.....	.75		.75		.60							
Inch.....	½	¾	1	1¼	1½	2						
<i>Railing Fittings, Plain.</i>												
Elbows.....	\$0.15	.18	.20	.35	.45	.72						
Side Outlet Elbows.....	.20	.23	.25	.40	.50	.80						
Tees.....	.20	.23	.25	.40	.50	.75						
Side Outlet Tees.....	.30	.33	.35	.45	.55	.90						
Crosses.....	.30	.33	.35	.45	.58	1.00						
Side Outlet Crosses.....	.35	.38	.40	.50	.65	1.35						
Ball Ornaments.....	.16	.18	.20	.25	.35	.90						
Floor Flanges.....	.14	.15	.15	.20	.28	.30						

Malleable Iron Gas, Water & Steam Fittings.

POUND LIST.

List Nov. 4, 1901.
Per Pound.

See also following page.

	Class	Per lb.		Class	Per lb.
Caps.			Elbows and Tees, Drop, $\frac{1}{2}$ in.		
Caps, $\frac{3}{8}$ and $\frac{1}{4}$ inch	B	\$.26	and smaller	B	.26
Caps, $\frac{1}{2}$, $\frac{3}{4}$ and 1	C	.16	Elbows, Street, $\frac{1}{4}$ and $\frac{3}{8}$	B	.26
Caps, $1\frac{1}{4}$ in. and larger	D	.13	Elbows, Street, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4} \times \frac{1}{2}$, and $1 \times \frac{3}{4}$ in.	C	.16
Couplings.			Elbows, Street, 1 in. and larger	D	.13
Reducing Couplings, $\frac{1}{4} \times \frac{1}{8}$ and $\frac{3}{8} \times \frac{1}{8}$	A	.40	*Elbows, $\frac{3}{4}$ and 1 in.	D	.13
Reducing Couplings, $\frac{3}{8} \times \frac{1}{4}$ to $\frac{3}{4} \times \frac{3}{8}$ inclusive	B	.26	†Elbows, $1\frac{1}{4}$ in. and larger	E	.11
Reducing Couplings, $\frac{3}{4} \times \frac{1}{2}$ to $1 \times \frac{3}{4}$	C	.16	Extension Pieces.		
*Reducing Couplings, $1\frac{1}{4}$ in. and larger	D	.13	Extension Pieces, $\frac{3}{8}$ and $\frac{1}{2}$ in.	B	\$.26
R. H. Couplings, $\frac{1}{8}$	A	.40	Extension Pieces, $\frac{3}{4}$ and larger	C	.16
R. H. Couplings, $\frac{3}{8}$ and $\frac{1}{4}$ in.	B	.26	Hooks.		
R. H. Couplings, $\frac{1}{2}$ and $\frac{3}{4}$	C	.16	Hooks, Chandelier, all sizes	C	.16
R. H. Couplings, 1 and $1\frac{1}{4}$ in.	D	.13	Lock and Washer Nuts.		
R. H. Couplings, $1\frac{1}{2}$ in. and 2 in.	E	.11	Locknuts, $\frac{1}{2}$, $\frac{3}{8}$ and $\frac{1}{4}$	B	.26
R. and L. Couplings, $\frac{1}{8}$ in.	A	.40	Locknuts, $\frac{3}{4}$, 1 and $1\frac{1}{4}$ in.	C	.26
R. and L. Couplings, $\frac{3}{8}$ and $\frac{1}{4}$ in.	B	.26	Locknuts, $1\frac{1}{2}$ in. and larger	D	.13
R. and L. Couplings, $\frac{1}{2}$ and $\frac{3}{4}$	C	.16	Waste Nuts, $\frac{3}{4}$ and smaller	B	.26
R. and L. Couplings, 1 and $1\frac{1}{4}$	D	.13	Waste Nuts, 1 in. and larger	C	.16
R. and L. Couplings, $1\frac{1}{2}$ and 2	E	.11	Return Bends.		
Crosses.			Return Bends, $\frac{3}{8}$ and $\frac{1}{2}$	B	.26
Crosses, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ in., Straight	B	.26	Return Bends, $\frac{3}{4}$ and 1 in.	C	.16
Crosses, 1 in. and $\frac{3}{4}$ in., Straight	C	.16	Return Bends, $1\frac{1}{4}$ in. and larger	D	.13
Crosses, $1\frac{1}{4}$ in. and larger, Straight	D	.13	Return Bends, R. and L., $\frac{3}{8}$ and $\frac{1}{2}$	A	.40
Crosses, Reducing 1 in. and smaller	B	.26	Return Bends, R. and L., $\frac{3}{4}$ and 1 in.	B	.26
*Crosses, Reducing $1\frac{1}{4}$ in. and larger	D	.13	Return Bends, R. and L., $1\frac{1}{4}$ and larger	C	.16
Elbows.			Tees.		
Elbows, $\frac{1}{8} \times \frac{1}{8}$, $\frac{1}{4} \times \frac{1}{8}$, $\frac{3}{8} \times \frac{1}{8}$	A	.40	Tees, $\frac{1}{8} \times \frac{1}{8}$, $\frac{1}{8} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{1}{8}$, $\frac{3}{8} \times \frac{1}{8}$	A	.40
Elbows, $\frac{1}{4} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{3}{8}$, $\frac{1}{2} \times \frac{1}{4}$	B	.26	Tees, $\frac{1}{4} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{3}{8}$, $\frac{3}{8} \times \frac{3}{8}$, $\frac{3}{8} \times \frac{1}{4} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{1}{4}$, $\frac{3}{8} \times$ $\frac{1}{4} \times \frac{3}{8}$	B	.26
Elbows, $\frac{1}{2} \times \frac{1}{2} \times \frac{3}{8}$	C	.16	*Tees, $\frac{3}{4}$ and 1 in.	D	.13
Elbows, R. and L., $\frac{1}{4}$ and $\frac{3}{8}$	A	.40	†Tees, $1\frac{1}{4}$ in. and larger	E	.11
Elbows, R. and L., $\frac{1}{2}$ in.	B	.26	Tees, Drop, $\frac{1}{2}$ and smaller	B	.26
Elbows, R. and L., $\frac{3}{4}$ and 1 in.	C	.16	Tees, Drop, $\frac{3}{4}$ and larger	C	.16
*Elbows, R. and L., $1\frac{1}{4}$ in. and larger	D	.13	Tees, Four-way, $\frac{1}{2}$ in. and smaller	B	.26
Elbows, 45°, $\frac{1}{2}$ in. and smaller	B	.26	Tees, Four-way, $\frac{3}{4}$ and larger	C	.16
Elbows, 45°, $\frac{3}{4}$ to 2 in. inclu- sive	C	.16	Y's and Wall Plates.		
Elbows, 45°, $2\frac{1}{2}$ in. and larger	D	.13	Wall Plates, all sizes	B	.26
Elbows, Side Outlet, $\frac{1}{2}$ in. and smaller	B	.26	Y Bends, $\frac{3}{4}$ and $\frac{1}{2}$ in.	B	.26
Elbows, Side Outlet, $\frac{3}{4}$ and larger	C	.16	Y Bends, 1 in. and larger	C	.16
Elbows, Drop, $\frac{3}{4}$ and larger	C	.16			

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Malleable Iron Gas, Water & Steam Fittings.

POUND LIST.

List Nov. 4, 1901
Per Pound.

See also preceding page.

LIST.

Class	A	B	C	D	E
Black, per pound----	40	26	16	13	11
Galvan'd, per pound--	50	35	23	20	18

*Such fittings in Class D as have smaller outlets than $\frac{3}{4}$ inch are charged as class "C," \$0.16 per lb.

†Such fittings in Class E as have outlets smaller than 1 inch are charged as class "D," \$0.13.

The diameter of the run of Bullhead Tees is used as the basis for classification, and the outlet being larger does not change it.

Class A, 40 cents per pound.

Reducing Couplings, $\frac{1}{4} \times \frac{1}{8}$,
and $\frac{3}{8} \times \frac{1}{8}$ ----- A -\$.40
Elbows, $\frac{1}{8} \times \frac{1}{8}$, $\frac{1}{4} \times \frac{1}{8}$, $\frac{3}{8} \times \frac{1}{8}$.
Tees, $\frac{1}{8} \times \frac{1}{8} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{1}{8}$, $\frac{3}{8} \times \frac{1}{8}$.
R. and L. Couplings, $\frac{1}{8}$ in.
Couplings, R. H. and R. & L., $\frac{1}{8}$.
Elbows, R. and L., $\frac{1}{4}$ and $\frac{3}{8}$.
R. and L. Return Bends, $\frac{3}{8}$ and $\frac{1}{2}$.

Class B, 26 cents per pound.

Elbows, $\frac{1}{4} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{3}{8}$, $\frac{1}{2} \times \frac{1}{4}$.
Tees, $\frac{1}{4} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{3}{8}$, $\frac{3}{8} \times \frac{1}{4} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{1}{4}$, $\frac{3}{8} \times \frac{3}{8}$.
Elbows, Side Outlet, $\frac{1}{2}$ in. and smaller.
Four-way Tees, $\frac{1}{2}$ in. and smaller.
Street Elbows, $\frac{1}{4}$ and $\frac{3}{8}$.
Crosses, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ in.
Reducing Crosses, 1 in. and smaller.
Drop Elbows and Tees, $\frac{1}{2}$ in. and smaller.

Caps, $\frac{3}{8}$ and $\frac{1}{4}$ in.

Locknuts, $\frac{1}{4}$ to $\frac{1}{2}$.

Reducing Couplings, $\frac{3}{8} \times \frac{1}{4}$ to $\frac{3}{4} \times \frac{3}{8}$ inclusive.

Extension Pieces, $\frac{3}{8}$ and $\frac{1}{2}$ in.

R. and L. Couplings, $\frac{3}{8}$ and $\frac{1}{4}$.

R. H. Couplings, $\frac{3}{8}$ and $\frac{1}{4}$ in.

R. and L. Elbows, $\frac{1}{2}$ in.

R. and L. Return Bends, $\frac{3}{4}$ and 1 in.

Return Bends, $\frac{3}{8}$ and $\frac{1}{2}$.

Waste Nuts, $\frac{3}{4}$ and smaller.

Wall Plates, all sizes.

45° Elbows, $\frac{1}{2}$ in. and smaller.

Y Bends, $\frac{3}{4}$ and $\frac{1}{2}$ in.

Class C, 16 cents per pound.

Elbows, $\frac{1}{2} \times \frac{1}{2}$, $\frac{1}{2} \times \frac{3}{8}$.

Elbows, R. and L., $\frac{3}{4}$ and 1 in.

Tees, $\frac{1}{2}$ and $\frac{1}{2}$ in. reducing.

Elbows, Side Outlet, $\frac{3}{4}$ and larger.

Street Elbows, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4} \times \frac{1}{2}$, and 1 x $\frac{3}{4}$ in.

Chandelier Hooks, all sizes.

Crosses, 1 in. and $\frac{3}{4}$ in.

Drop Elbows, $\frac{3}{4}$ and larger.

Drop Tees, $\frac{3}{4}$ and larger.

Four-way Tees, $\frac{3}{4}$ and larger.

Caps, $\frac{1}{2}$ to 1.

Locknuts, $\frac{3}{4}$ to 1 $\frac{1}{4}$ in.

Reducing Couplings, $\frac{3}{4} \times \frac{1}{2}$ to 1 x $\frac{3}{4}$ in. inclusive.

R. and L. Couplings, $\frac{1}{2}$ and $\frac{3}{4}$.

R. H. Couplings, $\frac{1}{2}$ and $\frac{3}{4}$.

Extension Pieces, $\frac{3}{4}$ and larger.

Waste Nuts, 1 in. and larger.

Return Bends, $\frac{3}{4}$ and 1 in.

45° Elbows, $\frac{3}{4}$ to 2 in. inclusive.

Y Bends, 1 in. and larger.

Return Bends, R. and L., 1 $\frac{1}{4}$ and larger.

Class D, 13 cents per pound.

*Elbows and Tees, $\frac{3}{4}$ and 1 in.

Crosses, straight, 1 $\frac{1}{4}$ in. and larger.

Street Elbows, 1 in. and larger.

*Elbows, R. and L., 1 $\frac{1}{4}$ in. and larger.

Caps, 1 $\frac{1}{4}$ in. and larger.

Locknuts, 1 $\frac{1}{2}$ in. and larger.

*Reducing Couplings, 1 $\frac{1}{4}$ in. and larger.

R. H. Couplings, 1 $\frac{1}{4}$ in. and 1 $\frac{1}{4}$ in.

Return Bends, 1 $\frac{1}{4}$ in. and larger.

R. and L. Couplings, 1 in. and larger.

45° Elbows, 2 $\frac{1}{2}$ in. and larger.

*Fittings in Class D having smaller outlets than $\frac{3}{4}$ in. are charged as class "C".

Class E, 11 cents per pound.

†Elbows and Tees, 1 $\frac{1}{4}$ in. and larger.

R. H. Couplings, 1 $\frac{1}{2}$ in. and 2 in.

†Fittings in Class E having outlets smaller than 1 in. are charged as class "D."

The diameter of the run of Bullhead Tees is used as the basis for classification, and the outlet being larger does not change it.

LIST.

Class	A	B	C	D	E
Black, per pound ----	40	26	16	13	11
Galvan'd, per pound--	50	35	23	20	18

Cast-Iron Fittings. Each.

See also following page.

Inch.	¾	½	¾	1	1¼	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	12
<i>Elbows.</i>																			
Straight	\$0.05	.05	.06	.08	.10½	.16	.20	.28	.50	.75	1.05	1.20	1.75	2.00	2.75	4.70	6.75	9.00	13.50
Reducing		.06	.07	.09	.12	.18	.23	.32	.60	.85	1.20	1.40	2.00	2.30	3.15	5.40	7.75	10.50	15.50
Right and Left		.06	.06	.07	.09	.12	.18	.23	.32	.60	.85								
45° Elbows		.06	.06	.07	.10	.12	.19	.24	.34	.60	.90	1.25	1.45	2.20	2.50	5.90	8.50	11.25	17.00
Pitched				.10	.13	.20	.25	.35	.65	1.00	1.30	1.50							
<i>Tees.</i>																			
Straight	.08	.08	.09	.12	.15	.23	.29	.41	.73	1.10	1.50	1.75	2.55	3.00	4.00	6.80	9.75	13.00	19.50
Reducing		.09	.10	.14	.17	.27	.33	.47	.83	1.25	1.75	2.00	2.95	3.50	4.60	7.80	11.25	15.00	22.50
<i>Crosses.</i>																			
Crosses		.15	.16	.22	.27	.42	.53	.75	1.30	2.00	2.70	3.15	4.60	5.50	7.25	12.25	17.50	23.50	35.00
Reducing			.18	.25	.30	.46	.60	.83	1.45	2.20	3.00	3.50	5.10*	6.00	8.00	13.50	19.25	26.00	38.50
Side Outlet			.36	.48	.60	.94	1.20	1.67	2.97	4.36	6.00	7.00	10.21	12.00	16.05				
<i>Y Branches.</i>																			
Y Branches			.20	.28	.34	.54	.66	.94	1.66	2.50	3.50	4.00	5.90	7.00	9.20	15.60	22.50	33.75	45.00
Reducing			.23	.33	.40	.62	.76	1.08	1.90	2.90	4.00	4.60	6.80	8.00	10.60	18.00	26.00	39.00	51.75
<i>Caps.</i>		.03	.03	.05	.08	.14	.20	.26	.40	.54	.75	.87	1.05	1.20	1.55	2.50	2.85	4.75	5.50
<i>Lock Nuts.</i>								.25	.27	.34	.47	.64	.85	.90	1.30	1.70	2.35	2.70	3.00
<i>Bushings.</i>		.04	.04	.05	.06	.07	.09	.14	.21	.30	.40	.50	.75	.93	1.25	1.87	2.75	3.25	3.75
<i>Plugs.</i>																			
Plugs	.02	.02	.03	.04	.05	.07	.10	.18	.25	.38	.42	.65	.88	1.20	1.85	2.75	3.25	3.75	5.00
Countersunk			.04	.06	.08	.09	.11	.15											
Left Hand			.04	.06	.08	.09	.11	.15											
Tapped for air cock				.12	.15	.20	.25	.30											
Solid	.04†	.04	.06	.08	.09	.11	.15	.27	.38	.57	.63	1.00	1.35	1.80	2.80	4.15	5.00	5.75	7.50
<i>Reducers.</i>				.10	.16	.22	.28	.43	.60	.80	1.00	1.35	1.85	2.00	2.70	5.35	6.75	8.35	10.00
<i>Flange Unions.</i>			.40	.46	.52	.64	.78	1.00	1.25	1.50	1.80	2.10	2.70	3.15	3.95	5.50	7.00	10.00	11.50

* Some makers' lists, \$5.00.

† Some makers' lists, \$0.03.

Cast-Iron Fittings. Each.

See also preceding and following pages.

LONG TURN FITTINGS.

Inch.	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	12	14	15
<i>Screwed for Wrought-Iron Pipe.</i>																	
Water Elbows.....	.40	.55	.80	1.20	2.25	3.25	3.50	5.50	6.50	8.75	13.00	17.00	25.50	30.00	40.00	60.00	85.00
Double Branch Water Elbows.....	.64	.80	1.10	1.60	2.40	4.50	6.50	7.00	11.00	13.00	17.50	26.00	34.00	51.00	60.00	80.00	120.00
Water Tees, Single Sweep.....	.48	.60	.82	1.20	1.80	3.40	4.90	5.25	8.25	9.75	13.25	19.50	25.50	38.00	45.00	60.00	90.00
Water Crosses.....	.85	1.10	1.50	2.15	3.20	6.00	8.75	9.50	15.00	17.50	24.00	35.00	45.00	68.00	80.00	107.00	150.00
Water Tees, Double Sweep.....	.64	.80	1.10	1.60	2.40	4.50	6.50	7.00	11.00	13.00	17.50	26.00	34.00	51.00	60.00	80.00	120.00
Sweep Crosses.....	.85	1.10	1.50	2.15	3.20	6.00	8.75	9.50	15.00	17.50	24.00	35.00	45.00	68.00	80.00	107.00	150.00

FLANGED FITTINGS.

Inch.	2	2½	3	3½	4	4½	5	6	7	8	9	10	12	14	15	16	18	20	22	24
<i>Elbows.</i>																				
Flanges Faced.....	\$4.75	5.00	5.75	6.50	7.25	9.00	9.75	12.00	16.00	20.00	26.00	32.00	44.00	58.00	72.00	84.00	108.00	135.00	160.00	200.00
Flanges Faced and Drilled.....	5.75	6.25	7.00	7.75	9.25	11.00	11.75	14.00	19.75	23.75	30.00	36.00	50.00	65.00	80.00	98.00	118.00	148.00	180.00	220.00
<i>45° Elbows.</i>																				
Flanges Faced.....	5.25	5.50	6.25	7.25	8.00	10.00	10.75	13.00	16.00	20.00	26.00	32.00	44.00	58.00	72.00	84.00	108.00	135.00	160.00	200.00
Flanges Faced and Drilled.....	6.25	6.75	7.50	8.50	10.00	12.00	12.75	15.00	19.75	23.75	30.00	36.00	50.00	65.00	80.00	98.00	118.00	148.00	180.00	220.00

Tees.

Flanges Faced.....	7.00	7.25	8.25	9.50	10.50	13.00	14.25	17.50	23.00	29.00	38.00	46.50	64.00	84.00	105.00	122.00	155.00	195.00	230.00	290.00
Flanges Faced and Drilled.....	8.50	9.00	10.00	11.25	13.50	16.00	17.25	20.50	28.75	34.75	44.00	52.50	73.00	95.00	117.00	135.00	170.00	215.00	260.00	320.00

Crosses.

Flanges Faced.....	9.50	10.00	11.50	13.00	14.50	18.00	19.50	24.00	32.00	40.00	52.00	64.00	88.00	116.00	144.00	168.00	216.00	270.00	320.00	400.00
Flanges Faced and Drilled.....	11.50	12.50	14.00	15.50	18.50	22.00	23.50	28.00	39.50	47.50	60.00	72.00	100.00	130.00	160.00	186.00	236.00	296.00	360.00	440.00

Reducing Crosses.

Flanges Faced.....	11.00	11.50	13.25	15.00	16.75	20.75	22.50	27.50	37.00	46.00	60.00	74.00	100.00	132.00	165.00	198.00	248.00	310.00	370.00	460.00
Flanges Faced and Drilled.....	13.00	14.00	15.75	17.50	20.75	25.00	26.50	31.50	45.00	53.50	68.00	82.00	112.00	146.00	180.00	210.00	268.00	335.00	410.00	500.00

Y Branches.

Flanges Faced.....	9.50	10.00	11.50	13.00	14.50	18.00	19.50	24.00	32.00	40.00	52.00	64.00	88.00	116.00	144.00	168.00	216.00	270.00	320.00	400.00
Flanges Faced and Drilled.....	11.50	12.50	14.00	15.50	18.50	22.00	23.50	28.00	39.50	47.50	60.00	72.00	100.00	130.00	160.00	186.00	236.00	296.00	360.00	440.00

Reducing Ys.

Flanges Faced.....	11.00	11.50	13.25	15.00	16.75	20.75	22.50	27.50	37.00	46.00	60.00	74.00	100.00	132.00	165.00	198.00	248.00	310.00	370.00	460.00
Flanges Faced and Drilled.....	13.00	14.00	15.75	17.50	20.75	25.00	26.50	31.50	45.00	53.50	68.00	82.00	112.00	146.00	180.00	210.00	268.00	335.00	410.00	500.00

Cast-Iron Fittings. Each.

Also see preceding and following page.

ECCENTRIC REDUCERS.

Inch.	$2\frac{1}{2} \times 1\frac{1}{2}$ 1.50	$2\frac{1}{2} \times 2$ 1.50	3×2 2.40	$3 \times 2\frac{1}{2}$ 2.40	$3\frac{1}{2} \times 3$ 3.00	$3\frac{1}{2} \times 2\frac{1}{2}$ 3.00	$4 \times 3\frac{1}{2}$ 4.00	4×3 4.00	5×4 6.00	6×4 8.00
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HOOK, RING, EXPANSION AND OFFSET HOOK PLATES.

Number of Hooks.

For Pipe. Center to Center.

	$\frac{3}{4}$ in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	2 in.	$2\frac{1}{2}$ in.	3 in.	$3\frac{1}{2}$ in.	4 in.	$4\frac{1}{2}$ in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.
Hook Plates	1.08	.16	.21	.24	.28	.34	.40	.45	.50	.56	.68	.72	.78	.85	.90	.95	1.00
Ring Plates	.09	.18	.23	.26	.32	.41	.52	.68	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60
Expansion Plates	.10	.21	.27	.32	.41	.52	.68	.80	.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70
Offset Hook Plates	.15	.28	.43	.58	.72	.88	1.10	1.25	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00

BRANCH TEES.

	I			I $\frac{1}{4}$			I $\frac{1}{2}$			2		
Size of Outlet	I	I $\frac{1}{4}$	I $\frac{1}{2}$	I	I $\frac{1}{4}$	I $\frac{1}{2}$	I	I $\frac{1}{4}$	I $\frac{1}{2}$	I	I $\frac{1}{4}$	I $\frac{1}{2}$
Size of Run	1	2	3	1	2	3	1	2	3	1	2	3
Center to Center of Outlet	1	2	3	1	2	3	1	2	3	1	2	3
2 Branch	.90	1.00	1.15	1.30	1.40	1.50	1.65	1.80	2.00	2.10	2.25	2.40
3	1.05	1.15	1.35	1.45	1.60	1.75	1.85	2.00	2.20	2.30	2.45	2.60
4	1.15	1.35	1.45	1.60	1.75	1.85	2.00	2.20	2.30	2.45	2.60	2.75
5	1.35	1.45	1.60	1.75	1.85	2.00	2.20	2.30	2.45	2.60	2.75	2.90
6	1.60	1.75	1.85	2.00	2.20	2.30	2.45	2.60	2.75	2.90	3.00	3.15
7	1.90	2.00	2.20	2.30	2.45	2.60	2.75	2.90	3.00	3.15	3.30	3.45
8	2.20	2.30	2.45	2.60	2.75	2.90	3.00	3.15	3.30	3.45	3.60	3.75
9	2.65	2.75	2.90	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.00	4.15
10	3.15	3.30	3.45	3.60	3.75	3.90	4.00	4.15	4.30	4.40	4.50	4.65
11	3.75	3.90	4.00	4.15	4.30	4.40	4.50	4.65	4.75	4.85	4.95	5.05
12	4.40	4.50	4.60	4.70	4.80	4.90	5.00	5.10	5.20	5.30	5.40	5.50
13	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00	6.10
14	5.60	5.70	5.80	5.90	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70
15	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00	7.10	7.20	7.30
16	6.80	6.90	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90

Cast Iron Fittings. Each.

See also preceding page.

Inch	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	4
<i>Return Bends, Close Pattern.</i>											
Right Hand	---	.17	.18	.20	.22	.28	.40	.57	1.20	1.70	5.00
Right and Left	---	.20	.21	.23	.26	.33	.46	.66	1.40	1.95	5.25
Left Hand	---	.20	.21	.23	.26	.33	.46	.66	1.40	1.95	5.25
Right Hand, Pitched	---	---	---	.23	.26	.33	---	---	---	---	---
R. & L. or L. H. Pitched	---	---	---	.23	.26	.33	---	---	---	---	---

Open Pattern.

Right Hand	---	---	.25*	.26	.30	.40	.55	.80	1.35	2.20	5.75
Right and Left	---	---	.30	.30	.35	.46	.64	.92	1.55	2.50	6.00
Left Hand	---	---	.30	.30	.35	.46	.64	.92	1.55	2.50	6.00

Back Outlet, Open Pattern.

Right Hand	---	---	---	.38	.42	.60	.80	1.15	2.00	3.00	---
Right and Left	---	---	---	.42	.48	.70	.95	1.30	2.30	3.50	---

Side Outlet, Open Pattern.

Right Hand	---	---	---	.42	.48	.65	.90	1.40	2.25	3.50	---
Right and Left	---	---	---	.46	.54	.75	1.05	1.55	2.55	4.00	---

* Some makers' lists, \$0.24.

Companion Flanges.

Flange Faced and Drilled.

Faced Solid or Blind Flange.

Inch	Faced	Faced and Drilled	Faced, Drilled and Bolted On	Inch	Faced	Faced and Drilled	Faced, Drilled and Bolted On
2 x 6	\$1.20	\$1.50	\$1.90	2 x 6	\$1.40	\$1.70	\$2.10
2½ x 7	1.40	2.00	2.50	2½ x 7	1.60	2.20	2.70
3 x 7½	1.60	2.25	2.75	3 x 7½	1.85	2.50	3.00
3½ x 8½	1.80	2.50	3.00	3½ x 8½	2.10	2.80	3.30
4 x 9	2.15	3.00	3.65	4 x 9	2.50	3.35	4.00
4½ x 9¼	2.50	3.35	4.60	4½ x 9¼	2.90	3.75	5.00
5 x 10	2.80	3.65	4.90	5 x 10	3.25	4.10	5.35
6 x 11	3.20	4.00	5.25	6 x 11	3.70	4.50	5.75
7 x 12½	4.35	5.75	7.00	7 x 12½	5.00	6.40	7.65
8 x 13½	5.00	6.50	7.80	8 x 13½	5.75	7.25	8.55
9 x 15	6.75	8.25	10.00	9 x 15	7.75	9.25	11.00
10 x 16	7.75	9.25	12.00	10 x 16	9.00	10.60	13.35
12 x 19	10.50	12.50	15.25	12 x 19	14.00	16.00	18.75
14 x 21	13.75	16.00	20.00	14 x 21	17.50	19.75	23.75
15 x 22¼	18.00	21.00	26.00	15 x 22¼	22.50	25.50	30.50
16 x 23½	22.50	26.00	31.00	16 x 23½	28.00	31.50	36.50
18 x 25	27.50	31.00	38.00	18 x 25	33.00	36.50	43.50
20 x 27½	30.00	34.00	43.00	20 x 27½	36.00	40.00	49.00
22 x 29½	33.75	39.00	49.00	22 x 29½	41.00	46.00	56.00
24 x 32	41.00	46.00	56.00	24 x 32	50.00	55.00	65.00



Galvanized Cast Iron Fittings. Each.

Inches	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6	7	8	9	10	12
Elbows	.10	.12	.16	.21	.32	.40	.56	1.00	1.50	2.10	3.50	4.00	5.50	6.00	8.00	13.50	18.00	27.00	40.00	40.00	40.00	40.00
Elbows, R. & L.	.12	.14	.18	.24	.36	.46	.64	1.20	1.70	2.40	4.00	4.60	6.30	7.00	9.00	15.50	21.00	31.00	46.00	46.00	46.00	46.00
Elbows, Reducing	.12	.14	.18	.24	.36	.46	.64	1.20	1.80	2.50	4.00	4.60	6.30	7.00	9.00	15.50	21.00	31.00	46.00	46.00	46.00	46.00
Elbows, 45°	.12	.14	.20	.24	.38	.48	.68	1.20	1.80	2.50	4.00	4.60	6.30	7.00	9.00	15.50	21.00	31.00	46.00	46.00	46.00	46.00
Elbows, Side Outlet	.36	.48	.60	.96	1.20	1.68	3.00	4.50	6.30	9.00	13.50	18.00	24.00	30.00	45.00	67.00	84.00	100.00	116.00	132.00	148.00	164.00
Tees	.16	.18	.24	.30	.46	.58	.82	1.46	2.20	3.00	4.50	5.00	6.30	7.00	9.00	15.50	21.00	31.00	46.00	46.00	46.00	46.00
Tees, Reducing	.18	.20	.28	.34	.54	.66	.94	1.66	2.50	3.50	5.00	5.50	7.00	7.50	9.00	15.50	21.00	31.00	46.00	46.00	46.00	46.00
Tees, Side Outlet	.54	.72	.90	1.40	1.80	2.50	4.50	6.30	9.00	13.50	18.00	24.00	30.00	45.00	67.00	84.00	100.00	116.00	132.00	148.00	164.00	180.00
Crosses	.30	.32	.44	.54	.84	1.06	1.50	2.60	4.00	5.40	6.30	9.00	10.50	13.50	18.00	24.00	30.00	45.00	67.00	84.00	100.00	116.00
Crosses, Reducing	.36	.50	.60	.92	1.20	1.66	2.90	4.40	6.00	7.00	10.30	12.00	16.00	21.00	27.00	38.50	52.00	77.00	116.00	116.00	116.00	116.00
Bushings	.08	.08	.10	.12	.14	.18	.28	.42	.60	.80	1.00	1.50	1.85	2.50	3.75	5.50	6.50	7.50	10.00	10.00	10.00	10.00
Plugs	.04	.04	.06	.08	.10	.11	.20	.36	.50	.76	.84	1.30	1.75	2.40	3.70	5.50	6.50	7.50	10.00	10.00	10.00	10.00
Caps	.04	.04	.06	.08	.10	.11	.20	.36	.50	.76	.84	1.30	1.75	2.40	3.70	5.50	6.50	7.50	10.00	10.00	10.00	10.00
Reducers	.04	.04	.06	.08	.10	.11	.20	.36	.50	.76	.84	1.30	1.75	2.40	3.70	5.50	6.50	7.50	10.00	10.00	10.00	10.00
Lock Nuts	.04	.04	.06	.08	.10	.11	.20	.36	.50	.76	.84	1.30	1.75	2.40	3.70	5.50	6.50	7.50	10.00	10.00	10.00	10.00
Y Branches	.40	.56	.68	1.08	1.32	1.88	3.32	5.00	7.00	8.00	11.80	14.00	18.40	31.20	45.00	67.50	90.00	134.00	180.00	226.00	272.00	318.00
Y Branches, Reducing	.46	.66	.80	1.24	1.52	2.16	3.80	5.80	8.00	9.20	13.60	16.00	21.20	36.00	52.00	78.00	103.50	151.00	200.00	246.00	292.00	338.00
Flange Unions	.80	.92	1.04	1.28	1.56	2.00	2.50	3.00	3.60	4.20	5.40	6.30	7.90	11.00	14.00	20.00	23.00	32.00	40.00	40.00	40.00	40.00
Flange Unions Lip	1.00	1.25	1.50	1.65	2.00	2.50	2.90	3.35	4.55	5.00	5.85	6.65	8.35	11.65	16.65	25.00	34.00	43.00	52.00	61.00	70.00	79.00
Return Bends, Close	.36	.40	.44	.56	.80	1.14	2.40	3.40	4.40	5.40	6.30	7.90	11.00	14.00	20.00	23.00	32.00	40.00	40.00	40.00	40.00	40.00
Return Bends, Open	.48*	.52	.60	.80	1.10	1.60	2.70	4.40	6.00	7.00	10.00	15.00	20.00	28.00	32.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00
Return Bends, B. Outlet	.76	.84	1.20	1.60	2.30	4.00	6.00	8.00	10.00	12.00	14.00	16.00	20.00	24.00	30.00	36.00	44.00	54.00	66.00	80.00	96.00	112.00
Return Bends, S. Outlet	.81	.96	1.30	1.80	2.80	4.50	7.00	9.00	12.00	15.00	18.00	21.00	24.00	30.00	36.00	44.00	54.00	66.00	80.00	96.00	112.00	128.00
Offsets to offset 4 in.	.90	1.40	2.00	2.40	3.60	6.00	8.00	10.00	12.00	15.00	18.00	21.00	24.00	30.00	36.00	44.00	54.00	66.00	80.00	96.00	112.00	128.00
Offsets to offset 6 in.	1.31	2.10	3.00	3.60	5.40	9.00	12.00	16.00	20.00	24.00	28.00	32.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00
Offsets to offset 8 in.	1.80	2.80	4.00	4.80	7.20	12.00	16.00	20.00	24.00	28.00	32.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00

* Some makers' lists, \$0.50.

American Window Glass.

Jobbers' List.

List Dec. 16, 1902.
Per box of 50 sq. ft.

United Inches	Bracket Sizes.		Single.				Double.		
			AA	A	B	C	AA	A	B
25	6x 8	to 10x15	\$33.00	\$29.00	\$27.00	\$25.50	\$52.00	\$44.00	\$37.00
34	{ 11x14 } 12x13	" 14x20	39.00	32.00	30.00	29.00	56.00	47.50	45.50
40	10x26	" 16x24	39.50	33.00	31.00	----	63.00	49.50	48.00
50	{ 18x22 } 20x20	" 20x30	51.00	43.00	38.00	----	67.00	57.50	55.00
54	15x36	" 24x30	55.00	46.00	40.00	----	69.50	61.50	56.00
60	26x28	" 24x36	59.00	49.50	43.00	----	71.00	63.00	57.50
70	{ 26x34 } 28x32 30x30	" 30x40	68.00	57.00	48.00	--	76.00	71.00	65.50
80	{ 32x38 } 34x36	" 30x50	72.00	63.50	55.50	----	82.00	74.00	68.00
84	30x52	" 30x54	76.00	69.50	60.00	----	83.50	75.50	69.50
90	30x56	" 34x56	----	----	----	----	88.00	80.00	74.00
94	34x58	" 34x60	----	----	----	----	90.00	82.00	75.50
100	36x60	" 40x60	----	----	----	----	107.00	96.00	89.50
105	40x62	" 40x64	----	----	----	----	114.00	105.00	96.00
110	40x66	" 40x70	----	----	----	----	127.00	117.50	109.00
115	40x72	" 40x74	----	----	----	----	143.00	131.00	121.50
120	40x76	" 40x80	----	----	----	----	168.00	153.50	144.00
125	40x82	" 40x84	----	----	----	----	181.50	167.00	157.50
130	40x86	" 40x90	----	----	----	----	195.00	180.00	171.00

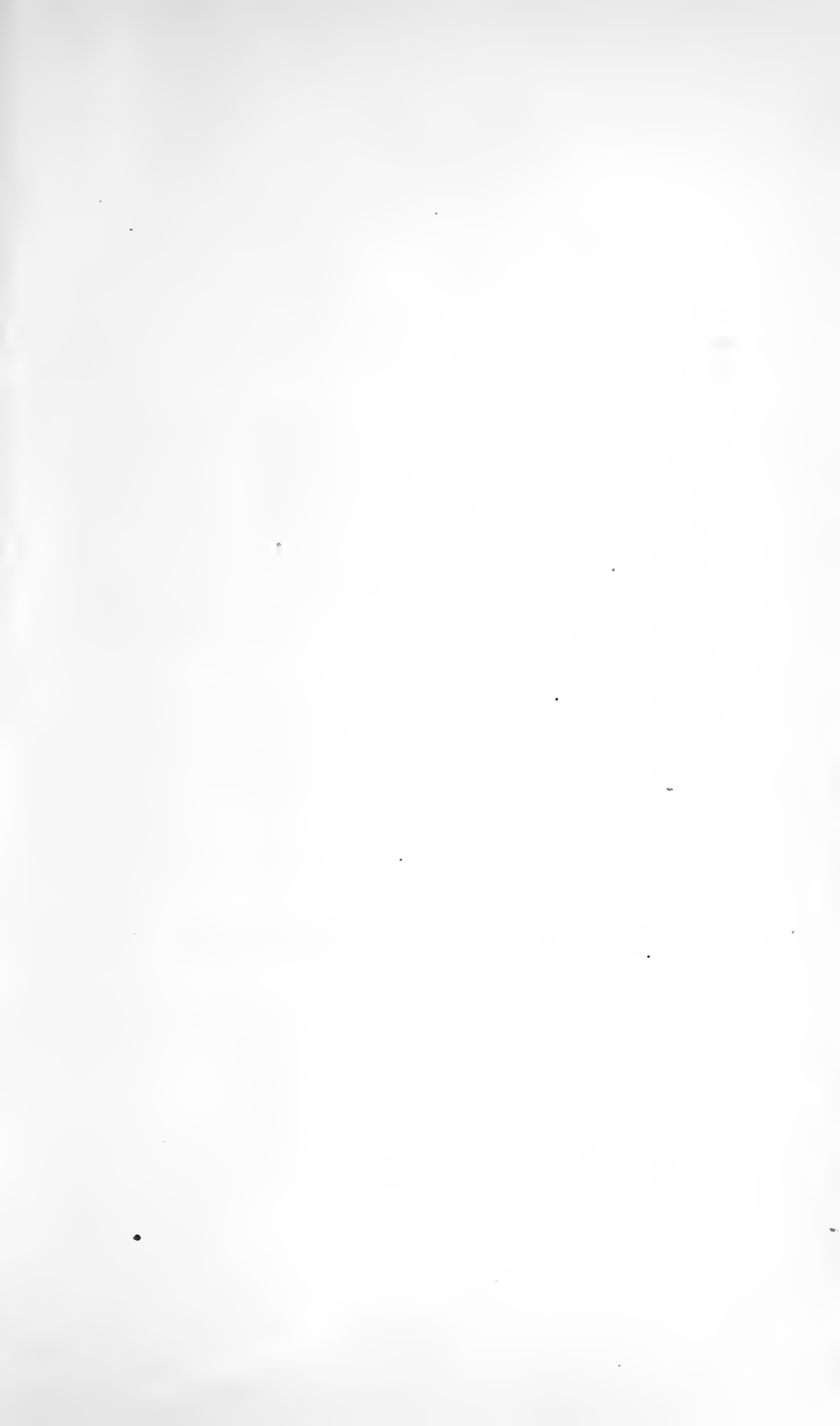
An additional 10 per cent. will be charged for all Glass more than 40 inches wide. All sizes over 52 inches in length, and not making more than 81 united inches, will be charged in the 84 united inches bracket. All Glass 54 inches wide or wider, not making more than 116 united inches, will be charged in the 120 united inches bracket.

Jobbers' List.

List Oct. 1, 1903.
Per box of 50 sq. ft.

United Inches.	Bracket Sizes.		Single.			Double.		
			AA	A	B	AA	A	B
25	6x 8	to 10x15	\$32.00	\$26.75	\$25.50	\$42.75	\$37.50	\$35.50
34	{ 11x14 } 12x13	" 14x20	33.50	28.00	26.75	46.75	41.50	38.75
40	10x26	" 16x24	36.00	30.00	28.00	52.00	45.50	41.50
50	{ 18x22 } 20x20	" 20x30	37.50	31.75	29.50	56.00	49.50	46.00
54	15x36	" 24x30	38.75	32.75	30.00	57.50	50.75	46.75
60	26x28	" 24x36	40.00	34.75	31.00	58.75	52.00	47.50
70	{ 26x34 } 28x32 30x30	" 30x40	42.75	38.50	33.75	62.75	56.00	50.75
80	{ 32x38 } 34x36	" 30x50	48.75	44.50	38.50	68.00	61.50	55.50
84	30x52	" 30x54	52.00	47.50	41.75	69.50	62.75	56.75
90	----	"	----	----	----	73.50	66.75	61.50
94	----	"	----	----	----	74.75	68.00	62.75
100	----	"	----	----	----	88.00	80.00	74.75
105	----	"	----	----	----	94.75	86.75	80.00
110	----	"	----	----	----	105.50	97.50	90.75
115	----	"	----	----	----	118.75	108.00	101.50
120	----	"	----	----	----	140.00	126.75	120.00
125	----	"	----	----	----	153.50	140.25	133.50
130	----	"	----	----	----	167.00	153.75	147.00

An additional 10 per cent. will be charged for all Glass more than 40 inches wide. All sizes over 52 inches in length, and not making more than 81 united inches, will be charged in the 84 united inches bracket. All Glass 54 inches wide or wider, not making more than 116 united inches, will be charged in the 120 united inches bracket.



American Window Glass.

Manufacturers' List.

List Jan. 1, 1901.
Per box 50 sq. ft.

United Inches.	Bracket Sizes.			Single.			Double.		
				AA	A	B	AA	A	B
25	6x 8	to	10x15	\$24.00	\$20.00	\$19.00	\$32.00	\$28.00	\$26.50
34	11x14	"	14x20	25.00	21.00	20.00	35.00	31.00	29.00
40	12x13	"	16x24	27.00	22.50	21.00	39.00	34.00	31.00
50	10x26	"	20x30	28.00	23.75	22.00	42.00	37.00	34.50
54	18x22	"	24x30	29.00	24.50	22.50	43.00	38.00	35.00
60	20x20	"	24x36	30.00	26.00	23.25	44.00	39.00	35.50
70	26x34	"	30x40	32.00	28.75	25.25	47.00	42.00	38.00
80	28x32	"	30x50	36.50	33.25	28.75	51.00	46.00	41.50
84	30x30	"	30x54	39.00	35.50	31.25	52.00	47.00	42.50
90	32x38	"	34x56	----	----	----	55.00	50.00	46.00
94	30x52	"	34x60	----	----	----	56.00	51.00	47.00
100	34x58	"	40x60	----	----	----	66.00	60.00	56.00
105	40x62	"	40x64	----	----	----	71.00	65.00	60.00
110	40x66	"	40x70	----	----	----	79.00	73.00	68.00
115	40x72	"	40x74	----	----	----	89.00	81.00	76.00
120	40x76	"	40x80	----	----	----	105.00	95.00	90.00

An additional 10 per cent. will be charged for all Glass more than 40 inches wide. All sizes over 52 inches in length, and not making more than 81 united inches, will be charged in the 84 united inches bracket. All Glass 54 inches wide or wider, not making more than 116 united inches, will be charged in the 120 united inches bracket. Sizes above 120 united inches, \$10 per box extra for every 5 inches.

French Window and Picture Glass.

List Sept. 20, 1897. Per box of 50 ft.

Sizes.		Single.				Double.		
		AA	A	B	C	AA	A	B
6x 8	to 10x15	\$15.50	14.50	14.00	13.50	21.50	20.50	19.75
11x14	" 16x24	18.50	17.75	16.75	16.00	26.00	25.00	23.75
18x22	" 20x30	24.25	23.00	21.25	20.00	33.50	31.75	29.75
15x36	" 24x30	26.50	24.50	22.00	.....	36.50	33.75	30.50
26x28	" 24x36	28.75	26.75	24.00	.....	40.00	37.25	33.75
26x34	" 30x40	32.25	30.50	27.00	.....	45.00	42.75	38.00
32x38	" 30x50	38.25	36.50	32.75	.....	52.75	50.50	45.50
30x52	" 30x54	39.75	37.50	33.75	.....	55.00	51.75	46.75
30x56	" 34x56	41.50	39.00	36.00	.....	57.00	54.00	49.75
34x58	" 34x60	43.50	42.00	39.00	.....	59.50	57.50	53.50
36x60	" 40x60	47.50	44.25	42.00	.....	64.50	60.50	57.50

Molasses and Oil Gates.

Per Doz.

Stebbins.

Nos.	1	2	3	4	5
	\$7.00	8.00	9.00	10.00	12.00

Stebbins Self-Boring.

Nos.	61	62	63	64	65
	\$11.00	12.00	13.50	15.00	17.00

Heavy Hammers and Sledges.

List Oct. 1, 1903.
Per Pound.

Unhandled.

	5 to 24 lbs.	3 to 5 lbs.	Under 3 lbs.
Drilling or Striking Hammers, polished faces, oil finished.	30	40	50
Hand Drilling Hammers, oil finished, polished faces.....	40	50	55
Stone Sledges, oil finished.....	30	40	50
Napping Hammers.....	30	40	50
Stone Cutters' Hammers, oil finished, polished faces....	40	50	55
Stone Breaking Hammers, oil finished.....	*40	--	--
Spalling Hammers, oil finished, polished faces.....	40	50	55
Blacksmith Sledges, oil finished, polished face and pein..	30	40	50
Blacksmith Hand Hammers, oil finished, polished face and pein.....	30	40	50
Coal Sledges.....	30	40	50

All Sledges 25 to 40 lbs., 3c. per lb. net above price of 5 lb.

All Sledges 40 lbs. and above, 6c. per lb. net above price of 5 lb.

* Some lists 20c. higher.

Handles—Axe, Hammer, &c.

List April 20, 1903.
Price per dozen.

Turned Hickory Axe Handles.

MARKET, N. N. Y., AND STRAIGHT PATTERNS.

	Extra.	Exclr.	No. 1.	No. 2.	No. 3.
36 and 34 inch.....	\$3.75	3.00	2.50	2.00	1.65
32 and 30 inch.....	3.75	3.00	2.50	2.00	1.65
Boys' 28 and 26 inch.....	2.75	2.25	1.80	1.50	----
38-inch, Single and Double Bit.....	4.00	3.25	2.60	2.10	1.70
40-inch, Single and Double Bit.....	4.50	3.75	3.00	2.20	1.80
42-inch, Single and Double Bit.....	5.00	4.00	3.20	2.40	1.90
44-inch, Single and Double Bit.....	5.60	4.50	3.50	2.60	2.00
Straight, 30 to 36-inch.....	3.75	3.00	2.50	2.00	1.65
Double Bitted, 30 to 36-inch.....	3.75	3.00	2.50	1.80	1.50

Hand Shaved Hickory Axe Handles.

OCTAGON AND OVAL HAND SHAVED, SINGLE AND DOUBLE BIT.

	xxx	xx	x
36, 34, 32 and 30 inch, plain end.	\$4.40	3.60	2.80
38 inch, plain end.....	4.60	3.80	3.00
40 inch, plain end.....	5.00	4.10	3.25
36 and 34 inch, scroll end.....	4.70	3.90	3.10
36 inch, Straight Lumberman's.....	4.40	3.60	2.80
38 inch, Straight Lumberman's.....	4.60	3.80	3.00
Broad Axe Handles.....	\$3.75	----	----
Adze, House Carpenter, Ship and R.,			

	Extra.	Exclr.	No. 1
36, 34 and 32 inch.	\$4.00	\$3.50	\$2.75

Farming Tool Handles.

List Aug. 1901,
Price per dozen.*Hay Fork Handles.*

Feet.	XX	X	No. 1
4 ----	\$2.15	\$1.35	\$1.00
4½ ----	2.25	1.50	1.10
5 ----	2.55	1.70	1.25
5½ ----	2.90	1.95	1.45
6 ----	3.30	2.25	1.70
6½ ----	3.85	2.65	2.10
7 ----	4.50	3.15	2.50
7½ ----	5.30	3.75	2.90
8 ----	6.30	4.50	3.50

Bent Hay Fork Handles, 40
cents extra.*Rake and Hoe Handles.*

Feet.	XX	X	No. 1
4¼ German or D Eye Hoe..	----	\$3.10	\$2.75
4½ Socket Hoe..	\$2.00	1.30	1.00
4½ Shank Hoe..	2.00	1.30	1.00
5 Rake.....	2.25	1.50	1.10
5½ ".....	2.55	1.70	1.25
6 ".....	2.90	1.95	1.45

Long Bent Handles.

Feet.	XX	X	No. 1	Feet.	XX	X	No. 1
4 Manure Fork..	\$2.75	\$1.90	\$1.30	4½ Spading Fork..	\$3.00	\$2.10	\$1.60
4½ " " --	3.00	2.10	1.60	4½ Shovel	4.00	3.00	2.50
5 " " --	3.65	2.55	1.95	4½ Spade	3.50	2.50	2.00
5½ " " --	4.45	3.15	2.40	4½ Scoop	4.00	3.00	2.50

Planters' Hoe Handles.

Feet.	Inches at butt.	X	No. 1	Feet.	Inches at butt.	X	No. 1
4 & 4½	1¾ ----	\$2.00	\$1.75	5½	1¾ ----	\$2.40	\$2.10
4 & 4½	2 ----	2.25	2.00	5½	2 ----	2.70	2.40
4 & 4½	2½ ----	2.50	2.25	5½	2½ ----	3.00	2.70
4 & 4½	2¾ ----	2.75	2.50	5½	2¾ ----	3.30	3.00
4 & 4½	2¾ ----	3.00	2.75	5½	2¾ ----	3.60	3.30
4 & 4½	2½ ----	3.25	3.00	5½	2½ ----	3.90	3.60
5	1¾ ----	2.20	1.95	6	1¾ ----	2.60	2.30
5	2 ----	2.50	2.20	6	2 ----	2.95	2.60
5	2½ ----	2.75	2.50	6	2½ ----	3.25	2.95
5	2¾ ----	3.05	2.75	6	2¾ ----	3.60	3.25
5	2¾ ----	3.30	3.05	6	2¾ ----	3.90	3.60
5	2½ ----	3.60	3.30	6	2½ ----	4.25	3.90

D Handles.

	XX	X	No. 1
D-Bent and Riveted Manure Fork	\$4.00	\$3.25	\$2.75
" " Spading Fork	4.00	3.25	2.75
" " Shovel	4.25	3.50	3.00
" " Spade	4.10	3.35	2.75
D-Spade, Riveted, not Bent	3.75	3.00	2.50
D-Bent and Riveted Scoop	4.25	3.50	3.00
D-Chisholm Pattern Riveted Shovel, Spade and Scoop	4.10	3.35	2.75
D-Bent and Riveted Ditching Spade	5.00	4.00	3.00
D-Coke and Coal Fork	4.00	3.25	*2.75
*Malleable Iron D Manure and Spading Fork ..	3.00	2.50	2.00

* Some lists 25 cents higher.

Ferrules, Malleable "D" Tops, Etc.

Plain Spading Fork Ferrules, Polished	\$1.00
" Hay Fork Ferrules, "	1.00
" Manure Fork Ferrules, "	1.00
Hoe or Rake Ferrules, " .....	.85
Strapped Spading Fork Ferrules, "	2.50
Strap Manure Fork Ferrules, "	2.50
Strap Hay Fork Ferrules, "	2.50

Hatchets.

July, 1904.
Per doz.

<i>No.</i>	<i>Bronze.</i>	<i>Half Pol.</i>	<i>Full Pol.</i>	<i>Phantom Beveled</i>
SHINGLING.				
0	\$7.50	\$8.75	\$10.00	\$11.00
1	8.00	9.25	10.50	11.50
2	8.50	9.75	11.00	12.00
3	9.00	10.25	11.50	12.50
4	9.50	10.75	12.00	13.00
LATHING.				
0	7.50	8.75	10.00	11.00
1	8.00	9.25	10.50	11.50
2	8.50	9.75	11.00	12.00
3	9.00	10.25	11.50	12.50
HALF HATCHETS.				
1	8.50	9.75	11.00	12.00
2	9.00	10.25	11.50	12.50
3	9.50	10.75	12.00	13.00
4	10.00	11.25	12.50	13.50
CLAW AND HALF CLAW.				
1	9.00	10.25	11.50	12.50
2	9.50	10.75	12.00	13.00
3	10.00	11.25	12.50	13.50
4	10.50	11.75	13.00	14.00
BARRELING.				
0	7.50	8.75	10.00	
1	8.00	9.25	10.50	
2	8.50	9.75	11.00	
3	9.00	10.25	11.50	

Octagon Poll Hatchets.

<i>No.</i>	<i>Bronze.</i>	<i>Full Pol.</i>	<i>Full Pol. Phantom Beveled.</i>
SHINGLING.			
1	\$11.00	\$12.50	\$13.50
2	11.50	13.00	14.00
3	12.00	13.50	14.50
HALF.			
1	\$11.50	13.00	14.00
2	12.00	13.50	14.50
3	12.50	14.00	15.00
LATHING.			
1	11.00	12.50	13.50
2	11.50	13.00	14.00
3	12.00	13.50	14.50
BARRELING.			
1	11.00	12.50	
2	11.50	13.00	
3	12.00	13.50	

Hatchets.

(Continued.)

Lathing Hatchets.

	<i>Full Pol.</i>	<i>Nickel Pol.</i>
Boston Pattern.		
Hickory Handle.....	\$16.00	\$18.00
Apple Handle.....	18.00	20.00
Philadelphia Pattern.....	12.00	
Chicago Pattern.....	13.00	
Evansville Pattern.....	14.00	
Claw Head.....	14.00	

'RIG BUILDERS' HATCHETS.

Common Eye.....	\$6.55
Adze Eye.....	6.80
Common Eye, Full Pol.	7.00

UNDERHILL PATTERN LATHING HATCHETS.

<i>No.</i>	<i>Full Pol.</i>
1	\$16.00
2	16.50
Underhill Fruit Box Hatchets take same list as above.	

PACKING HOUSE HATCHETS.

<i>No.</i>	<i>Bronze.</i>	<i>Full Pol.</i>
2	\$9.50	\$12.00
3	10.00	12.50

ICE HATCHETS.

	<i>Nickel Plated.</i>
With Teeth.....	20.00

ADZE EYE BELL POLI. HATCHETS.

	<i>No.</i>	<i>Full Pol.</i>
Shingling,	1	\$14.50
"	2	15.00
Half,	1	14.50
"	2	15.00
Lathing,	1	14.50
"	2	15.00

TOBACCO HATCHETS.

<i>No.</i>	<i>Bronze.</i>	<i>Full Pol.</i>
1	\$9.00	\$11.50
2	9.50	12.00
3	10.00	12.50

WAREHOUSE HATCHETS.

2 Iron Handle.....	\$15.00
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FIREMAN HATCHETS.

Full Polished.....	\$16.00
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Broad Hatchets.

<i>No.</i>	<i>Bronze.</i>	<i>Full Pol.</i>
1	\$10.50	\$13.50
2	11.50	14.50
3	13.00	17.00
4	14.50	18.50
5	16.50	20.50
6	18.00	22.00
7	19.50	24.50
8	22.00	27.00

Broad Hatchets, New England Pattern.

<i>No.</i>	<i>Bronze.</i>	<i>Full Pol.</i>
0	\$10.50	\$13.50
1	11.50	14.50
2	13.00	17.00
3	14.50	18.50
4	16.50	20.50
5	19.00	23.00
6	22.00	26.00
7	23.50	27.00
8	25.00	28.50

Second Quality Hatchets, \$1.00 per dozen less than the foregoing.

Second Quality Bench Hatchets, \$1.25 per dozen less than the foregoing.

Gate Hinges. Per Doz. Sets.

CLARK'S OR SHEPARD'S.

Nos.	1	2	3
Hinges with Latches.....	\$6.00	8.00	12.00
Hinges only.....	4.00	6.00	9.00
Latches only	2.00	2.00	3.00

Shutter and Blind Hinges. Per Doz.

Nos.	3	2½	2	1½	1	0	00	000	4	5
Lull & Porter, Shutter.....	\$1.80	2.25	2.60	2.80	3.00	6.00	10.00	20.00	1.80	2.80
1868 O. P., Blind.....	6.25	---	---	---	3.50	---	---	---	---	12.50

Strap and T Hinges. List March 15, 1901. Per doz. Pr. or per lb.

Inches....	3	4	5	6	7	8	9	10	12	14	16	18
Light strap.	\$1.55	2.05	2.50	3.25	3.95	4.55	....	6.30	9.15	12.00	14.85	....
Heavy strap. ....	....	3.15	4.30	.29	....	.27	....	.26	.26	.26	.26	....
Light T.....	1.50	1.60	2.00	2.35	2.70	3.00	3.85	4.40	6.00	7.80	10.20	....
Heavy T. ....	....	1.80	2.10	2.50	....	3.15	....	4.60	6.40	8.85	10.75	11.45
Extra heavy T. ....	....	3.60	4.90	.30	....	.29	....	.27	.27	.27	.27	....
Long chest.....	....	....	....	2.20	..	2.95	....	3.30	4.80	6.00	....	....

Corrugated:

Heavy strap.....	3.15	4.30	5.70	....	9.20	....	13.80	21.30	....	....	....
Extra heavy T.	3.60	4.90	6.30	....	10.40	....	13.70	....	....	....	....

Hart's Patent:

Heavy strap.....	1.65	2.10	2.90	....	4.75	....	7.10	10.00	12.50	....	....
Extra heavy T. ....	....	2.85	3.50	...	5.60	....	8.10	11.70	13.85	15.85	....

Wrought Iron Goods. List March 17, 1892.

Inch....	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½
Hooks and Staples.....	7.00	....	7.50	....	8.00	9.00	....	....	....	....
Staples only.....	1.20	1.20	1.25	1.50	1.70	2.00	2.35	2.65	3.20	3.70

Inch....	4	4½	5	5½	6	7	8	9	10	12
Hooks and Staples.....	10.00	11.00	12.00	13.00	14.00	22.00	25.00	28.00	33.00	36.00
Staples only.....	5.25	6.50	8.00	....	....	....	....	....	....	....
Hasps and Staples.....	0.84	....	.90	....	1.00	1.10	1.30	1.70	2.00	2.64
Hasps and Staples, with Hook.	....	....	1.20	....	1.40	1.60	1.80	2.20	2.50	3.80

Hooks and Staples.

List Mar. 17, 1892.
Price per gross.

Inch.....	2	2½	3	3½	4	4½	5	5½	6	7	8
Plain.....	\$7.00	7.50	8.00	9.00	10.00	11.00	12.00	13.00	14.00	22.00	25.00
Japanned.....	7.50	8.00	9.00	10.50	11.50	13.00	14.00	15.50	16.50	25.00	28.00
Galvanized.....	9.00	9.50	11.00	12.50	14.50	16.50	17.50	19.50	21.00	30.00	35.00
Plain.....9 in. \$28.00; 10 in. \$33.00; 12 in \$36.00.											

Extra Heavy.

Plain.....	8.50	9.75	11.00	13.00	.....	16.00	.....	19.00	.....	.....
Japanned.....	10.00	11.50	13.00	15.00	.....	18.50	.....	22.50	.....	.....
Galvanized.....	12.50	14.50	16.50	18.50	.....	23.00	.....	28.00	.....	.....

Trap Door Rings.

List April 1, 1898.
Price per gross.

Inch,	1½	1¾	2	2¼	2½	3
Plain.....	\$11.50	12.50	13.50	15.00	16.50	23.00
Japanned....	13.00	14.00	15.00	16.50	18.00	25.00
Galvanized ..	14.50	15.50	17.00	19.00	21.00	27.00
<i>With Staples.</i>						
Plain.....	13.50	14.50	16.00	17.50	19.00	26.00
Japanned....	15.00	16.00	17.50	19.00	21.00	28.00
Galvanized ..	17.50	18.50	21.00	23.00	25.00	32.00

Staples.

List Mar. 17, 1892.
Price per gross.

Inch.....	1	1½	1¾	2	2¼	2½	2¾	3	3½	4	4½	5					
Plain.....	\$1.20	1.20	1.25	1.50	1.70	2.00	2.35	2.65	3.20	3.70	5.25	6.50	8.00				
Japanned.....	1.40	1.40	1.50	1.75	2.00	2.35	2.75	3.10	3.75	4.35	6.20	7.60	9.00				
Galvanized.....	1.80	2.00	2.25	2.50	3.00	3.50	4.00	5.00	6.00	7.00	9.00	11.00	13.00				
Assorted...1½ to 3 in.	Plain.....			\$2.00			Japanned.....			\$2.40			Galvanized....		\$3.75		
" ...1½ to 3½ in.	" 			" 			" 			" 			" 			" 	
				2.10						2.60						4.00	
Inch.....	2	2¼	2½	2¾	3	3½	4	4½	5								

Extra Heavy.

Plain.....	2.50	3.50	4.80	5.75	8.00	10.00	11.00
Japanned.....	3.00	4.25	5.75	7.00	9.50	11.50	13.00
Galvanized.....	4.00	6.00	8.00	10.00	13.50	17.00	20.00

Hasps and Staples.

List March 17, 1892.
Price per dozen.

Inch.....	4	5	6	7	8	9	10	12
Plain.....	\$0.84	.90	1.00	1.10	1.30	1.70	2.00	2.60
Japanned.....	1.00	1.10	1.20	1.30	1.60	2.00	2.30	3.10
Galvanized.....	1.50	1.60	1.80	2.00	2.50	3.00	3.50	4.50

Extra Heavy.

Plain.....	1.36	1.50	1.70	2.00	2.30	3.50
Japanned.....	1.60	1.75	2.00	2.35	2.70	4.25
Galvanized.....	2.50	2.75	3.00	3.50	4.00	6.00

Hasps and Staples, With Hook.

Plain.....	1.20	1.40	1.60	1.80	2.20	2.50	3.84
Japanned.....	1.40	1.65	1.90	2.10	2.60	3.00	4.50
Galvanized.....	2.25	2.50	3.00	3.50	4.00	4.50	7.00

Extra Heavy.

Plain.....	1.80	2.00	2.30	2.60	2.90	4.50
Japanned.....	2.10	2.35	2.70	3.00	3.40	5.25
Galvanized.....	3.50	4.00	4.50	5.00	5.50	8.00

Bent Hasps and Staples.

Plain.....	1.10	1.30	1.40	1.60	2.00	2.20	....
Japanned.....	1.30	1.50	1.60	1.85	2.30	2.50	....
Galvanized.....	1.75	2.00	2.25	2.50	3.00	4.00	....

Horse Hairs and Stripes

The horse hair is a very important part of the horse's body. It is the hair that grows on the horse's body and is used for many purposes. The horse hair is also used for many other things, such as for making brushes and for making horse hair ties.

Japanese Horses and Eyes

The Japanese horse is a very important part of the Japanese culture. It is the horse that is used for many purposes, such as for racing and for pulling carts.

Horse

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Hinge Hasps and Staples.

List March 15, 1901.

Inch	3	4	4½	6	8	10	12	
Hinge Hasps.....	\$1.00	...	1.25	1.60	2.10	3.00	4.20	Per single doz.
Hinge Hasp Staples.....	.40	.40	....	.45	.60	.75	.75	Per single doz.
Crate Hasps, single swivel	1.00	Per single doz.						
Crate Hasps, double swivels.....	1.00	Per single doz.						
Crate Hinges.....	1.55	Per doz. pairs.						

Malleable Hooks and Eyes.

Inch	1½	2	2½	3	3½
Per Gross.....	\$1.25	1.75	2.50	3.50	4.00

Awning Hooks.

List April 1, 1898.
Price per gross.

Inch.....	1¼	1½	1¾	2	2½	3	3½	4	4½	5	5½	6
Plain.....	\$2.70	3.00	3.40	3.60	7.00	7.50	8.00	9.00	10.00	11.00	12.90	13.00
Galvanized ...	3.70	4.00	4.40	4.80	8.50	9.50	10.50	12.50	14.00	16.00	17.00	18.00
Assorted	1½ to 3 in.				Plain....\$6.50			Galvanized ..\$8.00				
"	....2 to 4 in.				" 8.50			"10.50				

S Hooks.

List Mar. 17, 1892.
Price per gross.

Inch.....	1½	1¾	2	2½	2¾	3	3½
Plain	\$6.00	6.75	7.25	8.50	9.50	....	11.50
Blunt Plain..	4.00	4.75	5.50	6.50	7.50	8.50	9.50
Galvanized ..	8.00	9.25	10.50	12.00	14.00	....	16.00

Wire Belt Hooks.

Per 1000.

Nos.	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	\$2.00	2.40	2.60	2.80	3.00	3.50	4.00	5.00	6.00	8.50	11.00	14.00	16.00	20.00	30.00

Wire Coat and Hat Hooks, and Ceiling Hooks.

Coat and Hat Hook Asso. List.

List Sept. 4, 1900.
Price per gross.

	<i>Coat and Hat Hooks.</i>			<i>Ceiling Hooks</i>
Inch	2½	3	3½	
Coppered	\$2.00	2.40	3.00	3.40
Japanned	2.15	2.55	3.20	3.70
Bronzed	2.40	2.80	3.50	4.10
Galvanized or Tinned ..	2.80	3.40	4.60	5.50
Brass Plated	3.50	4.00	5.00	6.00
Nickel Plated	4.00	4.50	5.50	6.50
Solid Brass	12.25	17.00	22.00	18.00

Rubber Water Hose. Per foot.

Internal Diameter.	2-Ply.	3-Ply.	4-Ply.	5-Ply.	6-Ply.
½ inch---	\$0.20	\$0.25	\$0.30	\$0.37	\$0.45
¾ " ---	.25	.30	.37	.46	.55
1 " ---	.33	.40	.50	.62	.75
1¼ " ---	.42	.50	.62	.77	.93
1½ " ---	.50	.60	.75	.93	1.12
1¾ " ---	.58	.70	.87	1.08	1.30
2 " ---	.66	.80	1.00	1.25	1.50
2¼ " ---	.75	.90	1.12	1.40	1.68
2½ " ---	.83	1.00	1.25	1.56	1.87
2¾ " ---	.92	1.10	1.37	1.71	2.05
3 " ---	.99	1.20	1.50	1.87	2.25
3½ " ---	*1.16	1.40	1.75	2.18	2.62
4 " ---	1.32	1.60	2.00	2.50	3.00
5 " ---	1.65	2.00	2.50	*3.13	3.75
6 " ---	1.98	2.40	3.00	3.75	4.50
7 " ---	2.31	2.80	3.50	4.38	5.25
8 " ---	2.64	3.20	4.00	5.00	6.00
9 " ---	2.97	3.60	4.50	*5.63	6.75
10 " ---	3.33	4.00	5.00	6.25	7.50

All intermediate sizes are charged at the list price of the next larger size.

* Some lists 1 cent less.

Rubber Steam Hose. Per foot.

Internal Diameter.	3-Ply.	4-Ply.	5-Ply.	6-Ply.	7-Ply.	8-Ply.
½ inch---	\$0.43	\$0.51	\$0.63	\$0.76	\$0.89	\$1.02
¾ " ---	.51	.67	.83	1.00	1.17	1.34
1 " ---	.67	.83	1.03	1.24	1.45	1.66
1¼ " ---	.85	1.04	1.30	1.56	1.82	2.08
1½ " ---	.94	1.15	1.43	1.72	2.00	2.29
1¾ " ---	1.02	1.25	1.56	1.87	2.18	2.50
2 " ---	1.18	1.45	1.81	2.17	2.53	2.90
2¼ " ---	1.34	1.66	2.07	2.49	2.90	3.32
2½ " ---	1.50	1.87	2.33	2.80	3.27	3.74
2¾ " ---	1.66	2.08	2.60	3.12	3.64	4.16
3 " ---	2.00	2.80	3.50	4.20	5.25	5.60

All intermediate sizes are charged at the list price of the next larger size.

Iron Classification.

Adopted Dec. 3, 1895, by National Bar Iron Association.
Adopted March 16, 1899, by Eastern Bar Iron Manufacturers' Association.

Rounds and Squares.

Extra.		Extra.	
$\frac{3}{16}$	----- $2\frac{5}{16}$	I	to $1\frac{1}{8}$ ----- Base sizes no extra
$\frac{7}{32}$	----- $1\frac{1}{16}$	2	to $2\frac{1}{8}$ ----- $1\frac{1}{16}$
$\frac{1}{4}$ to $\frac{9}{32}$	----- $1\frac{9}{16}$	3	to $3\frac{1}{2}$ ----- $1\frac{5}{16}$
$\frac{5}{16}$ to $\frac{11}{16}$	----- $1\frac{1}{16}$	3½	to 4 ----- $1\frac{8}{16}$
$\frac{3}{8}$ to $\frac{13}{16}$	----- $1\frac{1}{16}$	4½	to 4½ ----- 1C.
$\frac{7}{8}$ to $\frac{15}{16}$	----- $1\frac{1}{16}$	4½	to 5 ----- $1\frac{3}{16}$
$\frac{1}{2}$ to $\frac{17}{16}$	----- $1\frac{3}{16}$	5½	to 6 ----- $1\frac{8}{16}$
$\frac{5}{8}$ to $\frac{19}{16}$	----- $1\frac{1}{16}$	6½	to 6½ ----- $2\frac{1}{16}$
$\frac{3}{4}$ to $\frac{21}{16}$	----- $1\frac{1}{16}$	6½	to 7½ ----- $2\frac{5}{16}$

Oval Iron.

Extra.		Extra.	
$\frac{3}{8}$ to $\frac{7}{16}$	----- $1\frac{1}{16}$	$\frac{5}{8}$ to $1\frac{1}{8} \times \frac{1}{8}$	----- $1\frac{2}{16}$
$\frac{1}{2}$ to $\frac{9}{16}$	----- $1\frac{5}{16}$	$\frac{3}{4}$ to $1\frac{3}{8}$	----- $1\frac{7}{16}$
$\frac{5}{8}$ to $\frac{11}{16} \times 1\frac{1}{8}$	----- 1C.	$\frac{7}{8}$ to $1\frac{1}{2}$	----- $1\frac{9}{16}$
$\frac{3}{4}$ to $\frac{13}{16}$	----- $1\frac{6}{16}$		

Half Oval and Half Round.

Extra.		Extra.	
$\frac{1}{4}$	----- $4\frac{5}{16}$	$\frac{5}{8}$ to $1\frac{1}{8}$	----- $1\frac{9}{16}$
$\frac{5}{16}$	----- $3\frac{5}{16}$	$\frac{3}{4}$ to $1\frac{3}{8}$	----- $1\frac{7}{16}$
$\frac{3}{8}$ to $\frac{7}{16}$	----- $2\frac{1}{16}$	$\frac{7}{8}$ to 2	----- $1\frac{8}{16}$
$\frac{1}{2}$ to $\frac{9}{16}$	----- $1\frac{2}{16}$	2¼ to 3	----- $1\frac{6}{16}$

Half ovals less than $\frac{1}{4}$ their width in thickness, extra price.

Flats.

Extra.		Extra.	
$\frac{3}{8}$ to $\frac{7}{16} \times \frac{1}{4}$	to $\frac{5}{16}$ ----- $1\frac{1}{16}$	$4\frac{1}{4}$ to 6 x $\frac{1}{4}$ to $\frac{5}{16}$	----- $1\frac{9}{16}$
$\frac{1}{2}$ to $\frac{9}{16} \times \frac{1}{4}$	to $\frac{1}{16}$ ----- 1C.	$4\frac{1}{4}$ to 6 x $\frac{3}{8}$ to I	----- $1\frac{7}{16}$
$\frac{1}{2}$ to $\frac{9}{16} \times \frac{3}{8}$	to $\frac{1}{2}$ ----- $1\frac{9}{16}$	$4\frac{1}{4}$ to 6 x $1\frac{1}{16}$ to $1\frac{1}{2}$	----- $1\frac{7}{16}$
$\frac{5}{8}$ to $\frac{11}{16} \times \frac{1}{4}$	to $\frac{5}{16}$ ----- $1\frac{1}{16}$	$4\frac{1}{4}$ to 6 x $1\frac{5}{8}$ to 2	----- $1\frac{7}{16}$
$\frac{5}{8}$ to $\frac{11}{16} \times \frac{3}{8}$	to $\frac{3}{8}$ ----- $1\frac{5}{16}$	$4\frac{1}{4}$ to 6 x $2\frac{1}{8}$ to 3	----- $1\frac{8}{16}$
$\frac{3}{4}$ to $\frac{13}{16} \times \frac{1}{4}$	to $\frac{5}{16}$ ----- $1\frac{1}{16}$	$6\frac{1}{4}$ to $6\frac{3}{4}$ x $\frac{1}{4}$ to $\frac{5}{16}$	----- $1\frac{7}{16}$
$\frac{3}{4}$ to $\frac{13}{16} \times \frac{3}{8}$	to $\frac{3}{4}$ ----- $1\frac{1}{16}$	7 to 8 x $\frac{1}{4}$ to $\frac{5}{16}$	----- $1\frac{7}{16}$
I to $1\frac{1}{8} \times \frac{1}{4}$	to $\frac{5}{16}$ ----- $1\frac{3}{16}$	$6\frac{1}{4}$ to 8 x $\frac{3}{8}$ to $1\frac{1}{2}$	----- $1\frac{6}{16}$
I to $1\frac{1}{8} \times \frac{3}{8}$	to $\frac{1}{2}$ ----- $1\frac{1}{16}$	$6\frac{1}{4}$ to 8 x $1\frac{5}{8}$ to 2	----- $1\frac{7}{16}$
$1\frac{1}{8}$ to $1\frac{3}{8} \times \frac{3}{8}$	to I ----- $1\frac{1}{16}$	$6\frac{1}{4}$ to 8 x $2\frac{1}{8}$ to 3	----- 1C.
$1\frac{1}{2}$ to 4 x $\frac{1}{4}$ to $\frac{5}{16}$	----- $1\frac{2}{16}$	$8\frac{1}{4}$ to 10 x $\frac{1}{4}$ to $\frac{5}{16}$	----- $1\frac{7}{16}$
$1\frac{1}{2}$ to 4 x $\frac{3}{8}$ to I	----- Base no extra.	$8\frac{1}{4}$ to 10 x $\frac{3}{8}$ to I	----- $1\frac{7}{16}$
$1\frac{3}{8}$ to 4 x $1\frac{1}{8}$ to $1\frac{1}{2}$	----- $1\frac{1}{16}$	$8\frac{1}{4}$ to 10 x $1\frac{1}{16}$ to $1\frac{1}{2}$	----- $1\frac{9}{16}$
2 to 4 x $1\frac{3}{8}$ to 2	----- $1\frac{1}{16}$	$8\frac{1}{4}$ to 10 x $1\frac{5}{8}$ to 2	----- 1C.
2 to 4 x $2\frac{1}{8}$ to 3	----- $1\frac{1}{16}$		

Flats $\frac{7}{32}$ thick $\frac{1}{16}$ c. per lb higher than $\frac{1}{4}$ to $\frac{5}{16}$ thick.

Bevel edge Shaft Iron $\frac{1}{16}$ c. higher than same size of Flats.

All round edge iron $\frac{1}{16}$ c. per lb extra.

Horse Shoe Iron all sizes 1C. extra.

Light Bands.

Extra.		Extra.	
$\frac{3}{8}$ x Nos. 10 , 11 and 12	----- $1\frac{1}{16}$	I to $1\frac{3}{8}$ x Nos. 10 , 11 and 12	----- $1\frac{9}{16}$
$\frac{3}{8}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{1}{16}$	I to $1\frac{3}{8}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{8}{16}$
$\frac{7}{16}$ to $\frac{1}{2}$ x Nos. 10 , 11 and 12	----- $1\frac{1}{16}$	$1\frac{1}{4}$ to 4 x Nos. 10 , 11 and 12	----- $1\frac{7}{16}$
$\frac{7}{16}$ to $\frac{1}{2}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{1}{16}$	$1\frac{1}{4}$ to 4 x No. 9 to $\frac{3}{16}$	----- $1\frac{7}{16}$
$\frac{9}{16}$ to $\frac{5}{8}$ x Nos. 10 , 11 and 12	----- $1\frac{1}{16}$	$4\frac{1}{4}$ to 6 x Nos. 10 , 11 and 12	----- $1\frac{8}{16}$
$\frac{9}{16}$ to $\frac{5}{8}$ x No. 9 to $\frac{3}{16}$	----- 1C.	$4\frac{1}{4}$ to 6 x No. 9 to $\frac{3}{16}$	----- $1\frac{8}{16}$
$\frac{11}{16}$ to $\frac{3}{4}$ x Nos. 10 , 11 and 12	----- $1\frac{1}{16}$	$6\frac{1}{4}$ to $6\frac{3}{4}$ x Nos. 10 , 11 and 12	----- $1\frac{8}{16}$
$\frac{11}{16}$ to $\frac{3}{4}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{1}{16}$	$6\frac{1}{4}$ to $6\frac{3}{4}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{7}{16}$
$\frac{13}{16}$ to $\frac{7}{8}$ x Nos. 10 , 11 and 12	----- $1\frac{1}{16}$	7 to 8 x Nos. 10 , 11 and 12	----- 1C.
$\frac{13}{16}$ to $\frac{7}{8}$ x No. 9 to $\frac{3}{16}$	----- $1\frac{1}{16}$	7 to 8 x No. 9 to $\frac{3}{16}$	----- $1\frac{8}{16}$

Bevel Edge Box Iron same as Light Bands of same sizes.

Beaded Band Iron $1\frac{1}{4}$ inch to 2 inch $\frac{7}{16}$ extra.

Sand Band Iron $\frac{1}{16}$ c. above same sizes of Light Bands.

Brass Kettles.

(SPUN)

List Jan. 10, 1899.

Qts.	Inch.	Per doz.	Each.
2	7x 4½	\$5.13	\$0.43
4	8x 5	7.69	.64
6	9x 6	12.83	1.07
8	10x 7	15.39	1.28
10	11x 8	17.95	1.50
12	12x 9	20.52	1.71
16	13x 9½	25.65	2.14
18	14x10	29.50	2.46
20	15x10½	33.35	2.78
24	16x11	38.47	3.21
32	17x11½	46.17	3.85
40	18x12	58.12	4.85
48	19x13	69.74	5.81
56	20x14	92.05	7.67
72	22x15½	111.60	9.30
100	24x17	153.42	12.78
	26x17	192.50	16.04

Cattle Leaders. Per Doz.

Small.. \$2.10 Large.. \$2.30

Flat Spring Keys. List March 1, 1904.
Price per 1000.

Length.	1¼	1½	1¾	2	2¼	2½	2¾	3	3¼	3½
Width.										
3-8	\$30.00	34.00	38.00	42.00	46.00	50.00	54.00	58.00	----	----
1-2	40.00	44.50	49.00	53.50	58.00	62.50	67.00	71.50	----	----
5-8	----	----	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00
3-4	----	----	80.00	85.00	91.00	96.50	102.00	107.50	113.00	----
7-8	----	----	95.00	101.00	107.00	113.00	119.00	125.00	131.00	----

Spring Cotters.

List March 1, 1904.
Price per 1000.

Wire gauge	13	12	11	10	9	8	7	6	5	4	3	2	1	1	1	1	1	1	1
Diam.	3-32	7-64	1-8	9-64	5-32	11-64	3-16	13-64	7-32	1-4	5-16	3-8	7-16	1-2	5-8	1	1	1	1
Length																			
1-2	\$3.50	4.00	5.00	6.00	7.00	8.00	----	----	----	----	----	----	----	----	----	----	----	----	----
3-4	4.15	4.75	5.85	7.00	8.15	9.30	10.60	12.00	----	----	----	----	----	----	----	----	----	----	----
1	4.80	5.50	6.70	8.00	9.30	10.60	12.20	14.00	16.00	20.00	29.00	----	----	----	----	----	----	----	----
1¼	5.45	6.25	7.55	9.00	10.45	11.90	13.80	16.00	18.50	23.50	33.50	----	----	----	----	----	----	----	----
1½	6.10	7.00	8.40	10.00	11.60	13.20	15.40	18.00	21.00	27.00	38.00	60.00	----	----	----	----	----	----	----
1¾	6.75	7.75	9.25	11.00	12.75	14.50	17.00	20.00	23.50	30.50	42.50	66.00	80.00	----	----	----	----	----	----
2	7.40	8.50	10.10	12.00	13.90	15.80	18.60	22.00	26.00	34.00	47.00	72.00	88.50	110.00	----	----	----	----	----
2¼	----	----	10.95	13.00	15.05	17.10	20.20	24.00	28.50	37.50	51.50	78.00	97.00	121.00	----	----	----	----	----
2½	----	----	11.80	14.00	16.20	18.40	21.80	26.00	31.00	41.00	56.00	84.00	105.50	132.00	----	----	----	----	----
2¾	----	----	----	----	----	----	23.40	28.00	33.50	44.50	60.50	90.00	114.00	143.00	----	----	----	----	----
3	----	----	----	----	----	----	25.00	30.00	36.00	48.00	65.00	96.00	122.50	154.00	320.00	----	----	----	----
3¼	----	----	----	----	----	----	----	----	----	51.50	69.50	102.00	131.00	165.00	336.00	----	----	----	----
3½	----	----	----	----	----	----	----	----	----	55.00	74.00	108.00	139.50	176.00	352.00	----	----	----	----
3¾	----	----	----	----	----	----	----	----	----	58.50	78.50	114.00	148.00	187.00	368.00	----	----	----	----
4	----	----	----	----	----	----	----	----	----	62.00	83.00	120.00	156.50	198.00	384.00	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	----	----	190.50	242.00	448.00	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	----	----	----	286.00	512.00	----	----	----	----

Drawing Knives. Per doz.

Inches..	6	7	8	9	10	11	12	14	16
Carpenter's Razor Blade....	\$17.00	18.00	19.00	20.00	21.00	22.00	23.00	26.00	.....
No. 1 or Extra.....	16.00	17.00	18.00	19.00	20.00	21.00	22.00	25.00	.....
Carriage or Wagon Makers'.	18.00	19.00	20.00	21.00	22.00	23.50	26.00	.....	.....
Shingle.....	.....	.....	.....	.....	23.00	.....	25.00	30.00	35.00

Carpenters' Mallets. Per doz.

Hickory.

Round:		Square:	
5 to 5½ x 3 to 3½	\$1.50	6 x 2½ x 3½	\$2.00
5½ x 3½ to 4	2.00	6½ x 2¾ x 3¾	2.50
6 x 4	2.50	7 x 3 x 4	3.00

Lignumvitæ.

Round:		Square:	
5 x 3	\$3.00	6 x 2½ x 3½	\$3.75
5½ x 3½	4.00	6½ x 2¾ x 3¾	4.75
6 x 4	5.00	7 x 3 x 4	5.75



Machine Oilers.

List Feb. 15, 1888.

	Nos.	00	0	1	1½	2	3	4	5	6
Brass, Brass Bottom.....		\$2.00	2.25	2.50	3.00	3.50	4.00	4.75	6.00	7.50
Brass, Brass Bottom, Drip Cup.....		---	3.00	3.50	4.00	4.50	5.25	6.00	7.00	8.50
Copper, Brass Bottom.....		2.25	2.50	2.75	3.25	3.75	4.25	5.00	6.25	8.00
Copper, Brass Bottom, Drip Cup.....		---	3.25	3.75	4.25	4.75	5.50	6.25	7.25	8.75
Steel, Steel Bottom.....		1.00	1.25	1.50	1.75	2.00	2.25	2.75	3.50	4.50
Steel, Brass Bottom.....		1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.50	5.50
Steel, Steel Bottom, Drip Cup.....		---	2.00	2.25	2.50	3.00	3.25	3.75	4.50	5.50
Tin, Tin Bottom.....		1.00	1.25	1.50	1.75	2.00	2.25	2.75	3.50	4.50
Tin, Brass Bottom.....		1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.50	5.50
Zinc, Tin Bottom.....		1.00	1.25	1.50	1.75	2.00	2.25	2.75	3.50	4.50
Zinc, Tin Bottom, Drip Cup.....		---	2.00	2.25	2.50	3.00	3.25	3.75	4.50	5.50
Zinc, Brass Bottom.....		1.25	1.50	1.75	2.00	2.50	3.00	3.50	4.50	5.50
Zinc, Brass Bottom, Drip Cup.....		---	2.25	2.50	3.00	3.50	4.00	4.50	5.50	6.50
Malleable, Brass Bottom.....		---	---	3.60	---	4.00	4.40	5.20	---	---

Sewing Machine, Tin, Zinc or Japanned, per gross, \$12.00.

National Cut
Nail Card.

April 30, 1902.

Extra above Base Price.

Common, Fence,
Hookhead Brads
and Sheathing.

	EXTRA.
20d to 60d.....	Base
10d to 16d.....	\$0.05
8d and 9d.....	.10
6d and 7d.....	.20
4d and 5d.....	.30
3½d.....	.40
3d.....	.45
2d.....	.75

Flooring, Casing,
Box and Finish-
ing (New York
Pattern).

10d and larger.....	\$0.15
8d and 9d.....	.25
6d and 7d.....	.35
4d and 5d.....	.50
3d.....	.70
2d.....	1.00

Fine Finishing.

10d and larger.....	\$0.25
8d and 9d.....	.35
6d and 7d.....	.45
4d and 5d.....	.65
3d.....	.85
2d.....	1.15

Fine.

4d.....	\$0.50
3d.....	.75
2d.....	1.00
3d fine (Eureka).....	1.25
3d fine (light).....	1.25

Cut Spikes.

All sizes.....	.10
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Light Barrel and
Lining.

1½ inch.....	\$0.75
1 ".....	.85
¾ ".....	1.00
¾ ".....	1.20

Each half keg 10 cents extra.

Common Barrel,
Roofing, Cooper
and Cement.

	EXTRA.
1½ inch.....	\$0.30
1½ ".....	.40
1½ ".....	.50
1½ ".....	.60
1 ".....	.70
¾ ".....	.85
¾ ".....	1.00

Slatting.

6d.....	\$0.30
4d and 5d.....	.40
3d.....	.60
2d.....	.80

Clinch, Car, Boat,
Chute, Clout, Hoop
and Hinge.

3 in. and larger.....	\$0.45
2½ and 2¾ inch.....	.55
2 and 2½ inch.....	.65
1½ and 1¾ inch.....	.75
1½ inch.....	.95
1½ inch.....	1.05
1 inch.....	1.15
¾ inch.....	1.30
¾ inch.....	1.45

Tobacco Mfrs.'
Box Nails.

6d and 7d Lining.....	\$0.20
4d and 5d.....	.30
5d Caddy.....	.30
4d ".....	.50
3d ".....	.70

Tobacco Ware-
house.

8d.....	\$0.10
6d and 7d.....	.20
4d and 5d.....	.30

National Wire Nail Card.

Jan., 1901.

Extra above Base Price.

Common, Fence,
Shingle, Tobacco,
Flooring and
Common Brads.

	ADVANCES.
20d to 60d.....	Base
10d to 16d.....	\$0.05
8d and 9d.....	.10
6d and 7d.....	.20
4d and 5d.....	.30
3d.....	.45
2d.....	.70

Barbed Common
and Barbed Car.
—15 cents advance
over Common.Casing and
Smooth Box.

10d and larger.....	\$0.15
8d and 9d.....	.25
6d and 7d.....	.35
4d and 5d.....	.50
3d.....	.70
2d.....	1.00

Barbed Box, 15 cts. ad-
vance over Smooth.

Smooth Finishing.

10d and larger.....	\$0.25
8d and 9d.....	.35
6d and 7d.....	.45
4d and 5d.....	.65
3d.....	.85
2d.....	1.15

Lining.

¾ inch.....	\$1.20
¾ ".....	1.00
1 ".....	.80

Slatting.

2d.....	\$0.80
3d.....	.60
4d.....	.40
5d.....	.40
6d.....	.30

Fine.

2d.....	\$1.00
3d, 1½x15.....	.50
3d, 1½x16.....	.65

Barrel.

¾ inch.....	\$1.00
¾ ".....	.85
1 ".....	.70
1½ ".....	.60
1½ ".....	.50
1½ ".....	.40
1½ ".....	.30

Barbed
Roofing.

	ADVANCES.
¾ inch.....	\$0.75
¾ ".....	.65
1 ".....	.60
1½ ".....	.60
1½ ".....	.55
2 ".....	.45
2 ".....	.45
2 ".....	.35

Clinch.

(Ann. or Br't.)	
2d.....	\$1.05
3d.....	.85
4d and 5d.....	.65
6d and 7d.....	.55
8d and 9d.....	.45
10d to 20d.....	.35

Hinge.

(Ann. or Br't.)	
4d.....	\$0.80
6d.....	.70
8d.....	.60
10d and larger.....	.50

Boat.

25 cts. extra over Hinge.	
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Spikes.

All sizes to 9 inch.....	.10
10 and 12 inch.....	.25

Barbed
Dowel Pins.

5½ inch.....	\$1.25
¾ ".....	1.00
¾ ".....	.85
1 ".....	.70
1½ ".....	.60
1½ ".....	.60
1½ ".....	.60
1½ ".....	.60

Annealed Nails, (except Clinch), 15 cts. extra.	
Blued Nails, 25 cts. extra.	

Miscellaneous Wire Nails.

In 1, 5 and 10 lb. packages. Wire Nail Mfrs.' List, July 20, 1899.

Gauge.	Per lb.	Gauge.	Per lb.	Gauge.	Per lb.
$\frac{1}{4}$ in.	19-----\$1.00	1 in.	12 to 7---\$0.30	$2\frac{1}{4}$ in.	10 to 3---\$0.27
	20-----1.25		13-----31		11-----28
	21-----1.55		14-----32		12-----28
	22-----1.90		15-----33		13-----28
$\frac{3}{8}$ in.	18-----80	$1\frac{1}{8}$ in.	16-----36	$2\frac{1}{2}$ in.	14-----29
	19-----90		17-----40		10 to 3---26
	20-----1.00		18-----43		11-----27
	21-----1.25		19-----53		12-----27
$\frac{1}{2}$ in.	22-----1.55	$1\frac{1}{4}$ in.	20-----64	$2\frac{3}{4}$ in.	13-----28
	16 to 14---55		12 to 7---30		10 to 3---26
	17-----60		13-----31		11-----27
	18-----65		14-----32		12-----27
$\frac{5}{8}$ in.	19-----75	$1\frac{3}{8}$ in.	15-----32	3 in.	10 to 3---25
	20-----85		16-----35		11-----26
	21-----1.00		17-----40		12-----27
	22-----1.25		18-----43	$3\frac{1}{4}$ in.	10 to 3---25
$\frac{3}{4}$ in.	14 to 12---43	$1\frac{1}{2}$ & $1\frac{5}{8}$ in.	19-----53		11-----26
	15-----45		12 to 6---29		12-----27
	16-----50		13-----30	$3\frac{1}{2}$ in.	10 to 3---25
	17-----52		14-----31		11-----26
$\frac{7}{8}$ in.	18-----58	$1\frac{7}{8}$ in.	15-----32		12-----27
	19-----65		16-----34	4 in.	10 to 3---25
	20-----75		17-----39		11-----26
	21-----85	$1\frac{1}{2}$ & $1\frac{3}{4}$ in.	12 to 10---36		
$1\frac{1}{4}$ in.	22-----1.10		13-----38		
	12 to 10---36		14-----38		
	13-----38		15-----42		
$1\frac{1}{2}$ in.	14-----38	$1\frac{3}{4}$ in.	16-----43		
	15-----42		17-----46		
	16-----43		18-----52		
	17-----46	2 in.	19-----60		
$1\frac{3}{4}$ in.	18-----52		20-----70		
	19-----60		21-----85		
	20-----70		12 to 8---33		
$1\frac{7}{8}$ in.	21-----85	2 in.	13-----34		
	12 to 8---33		14-----35		
	13-----34		15-----36		
	14-----35		16-----39		
	15-----36		17-----43		
	16-----39		18-----45		
	17-----43		19-----56		
	18-----45		20-----67		
	19-----56				
	20-----67				

List Extras, Subject to Discount.

Add to list 4 cents per pound for $\frac{1}{2}$ pound paper boxes.

" " 8 " " " " $\frac{1}{4}$ pound " "

" " 2 " " " " barbing.

" " 2 " " " " annealing.

" " 2 " for Cone Heads, Special Heads and Headless.

" " 2 " Needle Points and Special Points.

For Nails combining several specialties, add as above for each.

For sizes not appearing on the list, use the list prices for the desired gauge in the nearest shorter length.

Nails heavier than listed, at special net prices, according to quantity.

Tinned or Galvanized Nails at special prices.

Deduct from List.

In 25 or 50 pound boxes, deduct 1 cent per pound.

In 100 pound kegs, deduct 2 cents per pound.



Spikes. List May 1, 1903.

Extra above Base Price.

Railroad Spikes.

4½, 5 and 5½ x ⅝	Base
3½, 4, 4½ and 5 x ½	\$.05*
3½, 4 and 4½ x ⅞	.10†
3, 3½, 4 and 4½ x ¾	.20
2½ x ¾	.30
2½, 3 and 3½ x ⅞	.45
2 x ⅞	.70

Reverse Points, ¼ cent extra (smallest 3½ x ¾).

* Some lists, Base.

† Some lists, 5 cents lower.

Street Railway Spikes.

Square. Counter Sunk Head.

¾	Base.
⅞	Base.
1	Base.
1½	Base.
2	\$.10
2½	.25
3	.50
3½	.90

Round Counter Sunk, ⅓ cent extra.

Boat Spikes.†

Inch square.	Inches long.	
¾	12 to 24	\$.05
⅞	8 to 16	.05
1	6 to 16	.05
1½	6 to 12	.10
2	4 to 12	.20
2½	4 to 8	.35
3	4 to 8	.65
3½	3 to 3½	.90

¾ and ⅞ shorter than 4 inch, ¼ cent extra.

† Some lists, 5 cents lower.

Barge Spikes.

⅞	Base
1	Base

Shorter than 4 inches, ¼ cent extra.

Horse Shoe Nails.

Nos.	5	6	7	8	9	10
	\$.031	.28	.26	.25	.24	.23

Horse Shoe Nails.

Nos.	5	6	7	8	9	10
	\$.022	.19	.17	.16	.15	.14

Horse Shoe Nails.

Nos.	5	6	7	8	9	10
	\$.026	.23	.21	.20	.19	.18

Horse Shoe Nails.

Nos.	5	6	7	8	9	10
	\$.028	.25	.23	.22	.21	.20

Horse Shoe Nails.

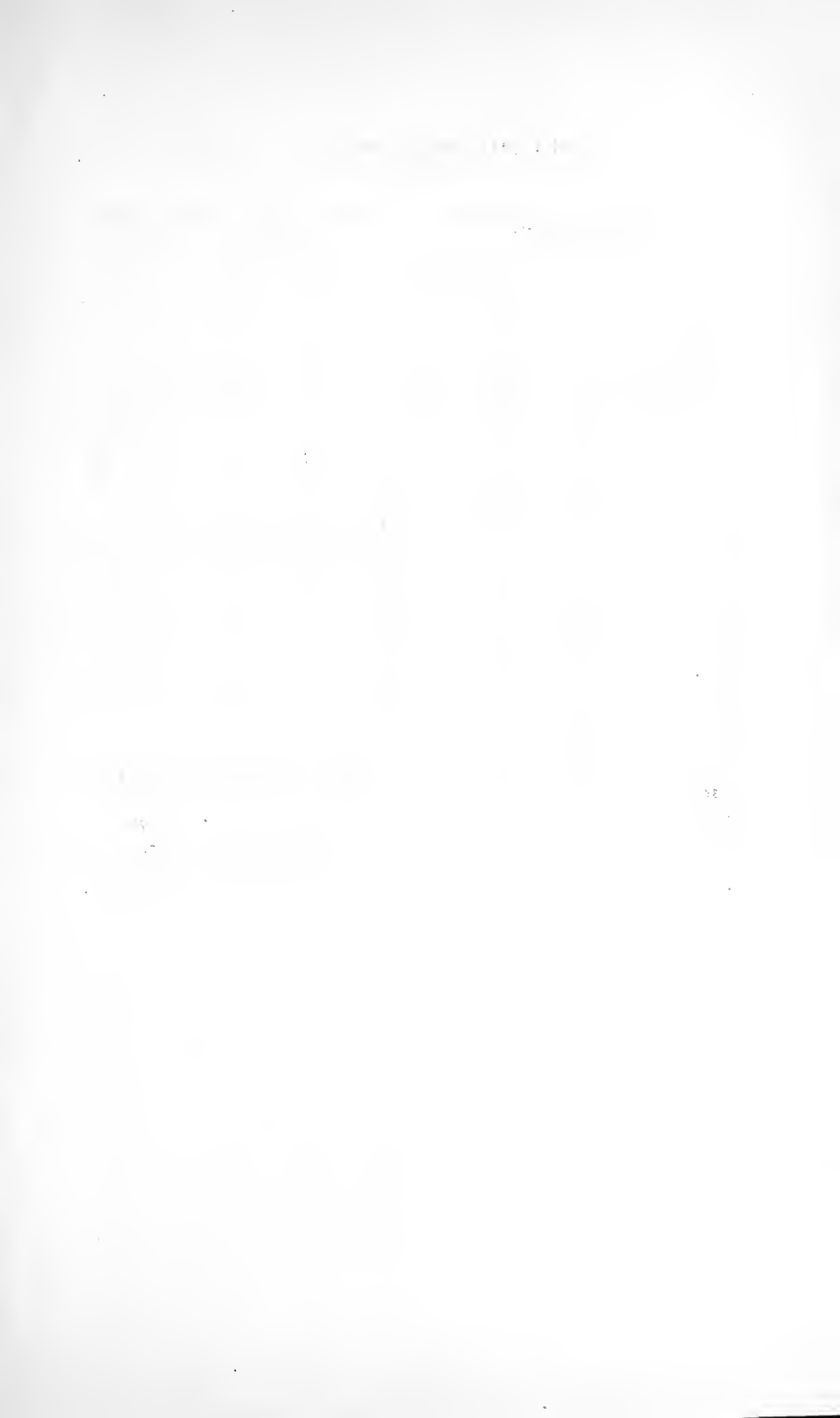
Nos.	5	6	7	8	9	10
	\$.022	.19	.17	.16	.15	.14
	.26	.23	.21	.20	.19	.18
	.28	.25	.23	.22	.21	.20
	.31	.28	.26	.25	.24	.23

Cold Punched Nuts.

List June 10, 1901.
Cents per pound.

Manufacturers' Standard.

Bolt.	Plain, Square. Blank.	Plain, Square. Tapped.	Cupped, Square. Blank.	Cupped, Square. Tapped.	Bolt.	Plain, Hexagon. Blank.	Plain, Hexagon. Tapped.	Cupped, Hexagon. Blank.	Cupped, Hexagon. Tapped.
$\frac{1}{4}$ -----	13.8	15.8	20.	22.	$\frac{1}{4}$ ----	21.	23.5	27.	29.5
$\frac{5}{16}$ -----	12.3	13.8	16.	17.5	$\frac{5}{16}$ ----	17.5	19.5	21.5	23.5
$\frac{3}{8}$ -----	10.8	11.9	13.5	14.6	$\frac{3}{8}$ -----	13.8	15.4	17.5	19.1
$\frac{7}{8}$ -----	9.3	10.2	11.3	12.2	$\frac{7}{8}$ -----	11.5	12.8	14.	15.3
$\frac{1}{2}$ -----	9.3	10.	11.3	12.2	$\frac{1}{2}$ -----	11.5	12.5	14.	15.
$\frac{1}{2}$ -----	9.2	9.9	10.2	10.9	$\frac{1}{2}$ -----	11.2	12.2	13.	14.
$\frac{9}{16}$ -----	9.	9.6	10.	10.6	$\frac{1}{2}$ -----	11.2	12.2	13.	14.
$\frac{5}{8}$ -----	8.9	9.4	10.	10.5	$\frac{9}{16}$ -----	10.7	11.6	12.5	13.3
$\frac{5}{8}$ -----	8.7	9.2	9.7	10.1	$\frac{5}{8}$ -----	10.7	11.4	12.5	13.2
$\frac{3}{4}$ -----	8.6	9.	9.6	10.	$\frac{5}{8}$ -----	10.2	10.9	11.4	12.
$\frac{3}{4}$ -----	8.4	8.8	9.4	9.8	$\frac{5}{8}$ -----	10.2	10.9	11.4	12.
$\frac{7}{8}$ -----	8.6	9.	9.6	10.	$\frac{3}{4}$ -----	10.2	10.9	11.2	11.8
$\frac{7}{8}$ -----	8.4	8.8	9.4	9.8	$\frac{3}{4}$ -----	10.2	10.9	11.2	11.8
$\frac{7}{8}$ -----	8.4	8.8	9.4	9.8	$\frac{3}{4}$ -----	10.	10.6	10.9	11.5
1 -----	8.4	8.8	9.4	9.8	$\frac{3}{4}$ -----	10.	10.6	10.9	11.5
1 -----	8.4	8.8	9.4	9.8	$\frac{7}{8}$ -----	10.2	10.8	11.1	11.7
1 $\frac{1}{8}$ -----	8.4	8.8	9.4	9.8	$\frac{7}{8}$ -----	10.2	10.8	11.1	11.7
1 $\frac{1}{8}$ -----	8.4	8.8	9.4	9.8	$\frac{7}{8}$ -----	10.	10.6	10.9	11.5
1 $\frac{1}{4}$ -----	8.8	9.2	10.1	10.5	$\frac{7}{8}$ -----	10.	10.6	10.9	11.5
1 $\frac{1}{4}$ -----	8.8	9.2	10.1	10.5	1 -----	10.	10.6	10.9	11.5
1 $\frac{3}{8}$ -----	8.8	9.3	10.1	10.6	1 -----	10.	10.6	10.9	11.5
1 $\frac{1}{2}$ -----	9.6	10.2	10.7	11.3	1 $\frac{1}{8}$ -----	10.2	10.8	11.5	12.1
1 $\frac{5}{8}$ -----	9.6	10.3	11.1	11.8	1 $\frac{1}{4}$ -----	10.5	11.1	11.5	12.1
1 $\frac{3}{4}$ -----	10.2	10.9	11.5	12.2	1 $\frac{3}{8}$ -----	10.5	11.2	12.	12.7
1 $\frac{7}{8}$ -----	10.2	11.	12.	12.8	1 $\frac{1}{2}$ -----	11.3	12.1	12.5	13.3
2 -----	10.6	11.5	12.	12.9	1 $\frac{5}{8}$ -----	11.3	12.2	13.2	14.1
					1 $\frac{3}{4}$ -----	12.1	13.	14.	14.9
					1 $\frac{7}{8}$ -----	12.1	13.1	14.5	15.5
					2 -----	12.6	13.7	14.5	15.6
					2 -----	12.6	13.7	14.5	15.6



Cold Punched Nuts.

List Mar. 19, 1901
Cents per pound.

United States Standard.

Chamfered and Trimmed, with
Drilled Holes.

Bolt.	Square.		Hexagon.	
	Blank.	Tapped.	Blank.	Tapped.
$\frac{1}{4}$ ----	20.	22.	27.	29.5
$\frac{5}{16}$ ----	18.	19.5	24.	26.
$\frac{3}{8}$ ----	14.5	15.6	18.5	20.1
$\frac{7}{16}$ ----	14.	14.9	18.	19.3
$\frac{1}{2}$ ----	11.3	12.	14.	15.
$\frac{9}{16}$ ----	11.3	11.9	14.	14.9
$\frac{5}{8}$ ----	10.0	10.5	12.5	13.2
$\frac{3}{4}$ ----	9.7	10.1	11.4	12.
$\frac{7}{8}$ ----	9.6	10.	11.1	11.7
1-----	9.4	9.8	10.9	11.5
1 $\frac{1}{8}$ ----	9.4	9.8	10.9	11.5
1 $\frac{1}{4}$ ----	10.1	10.5	11.5	12.1
1 $\frac{3}{8}$ ----	10.3	10.8	12.	12.7
1 $\frac{1}{2}$ ----	10.7	11.3	12.6	13.4
1 $\frac{5}{8}$ ----	11.1	11.8	13.2	14.1
1 $\frac{3}{4}$ ----	11.5	12.2	14.	14.9
1 $\frac{7}{8}$ ----	12.	12.8	14.5	15.5
2-----	12.	12.9	14.5	15.6
2 $\frac{1}{8}$ ----	12.5	13.5	15.	16.2
2 $\frac{1}{4}$ ----	12.5	13.6	15.	16.3
2 $\frac{3}{8}$ ----	13.5	14.7	16.	17.4
2 $\frac{1}{2}$ ----	13.5	14.8	16.	17.5
2 $\frac{3}{4}$ ----	14.	15.4	16.5	18.1
2 $\frac{7}{8}$ ----	14.	15.4	16.5	18.1
3-----	14.5	16.	17.	18.7
3 $\frac{1}{4}$ ----	14.5	16.1	17.	18.8
3 $\frac{1}{2}$ ----	14.5	16.2	17.	18.9
4-----	15.5	17.2	18.	19.9

For Cars and Unfinished Work.

Bolt.	Square.		Hexagon.	
	Blank.	Tapped.	Blank.	Tapped.
$\frac{1}{4}$ ----	13.8	15.8	21.	23.5
$\frac{5}{16}$ ----	12.8	14.3	19.	21.
$\frac{3}{8}$ ----	11.	12.1	14.7	16.3
$\frac{7}{16}$ ----	10.5	11.4	13.7	15.
$\frac{1}{2}$ ----	9.3	10.	11.5	12.5
$\frac{9}{16}$ ----	9.3	9.9	11.5	12.4
$\frac{5}{8}$ ----	8.9	9.4	10.7	11.4
$\frac{3}{4}$ ----	8.6	9.	10.2	10.8
$\frac{7}{8}$ ----	8.6	9.	10.2	10.8
1-----	8.4	8.8	10.	10.6
1 $\frac{1}{8}$ ----	8.4	8.8	10.	10.6
1 $\frac{1}{4}$ ----	8.8	9.2	10.5	11.1
1 $\frac{3}{8}$ ----	8.8	9.3	10.5	11.2
1 $\frac{1}{2}$ ----	9.6	10.2	11.3	12.1
1 $\frac{5}{8}$ ----	9.6	10.3	11.3	12.2
1 $\frac{3}{4}$ ----	10.2	10.9	12.1	13.
1 $\frac{7}{8}$ ----	10.2	11.	12.1	13.1
2-----	10.6	11.5	12.6	13.7
2 $\frac{1}{8}$ ----	11.	12.	13.	14.2
2 $\frac{1}{4}$ ----	11.5	12.6	13.5	14.8

Hot Pressed Nuts.

List Feb. 1, 1889. Cents per pound.

Manufacturers' Standard.

Narrow Gauge Sizes.

Bolt.	Square.		Hexagon.	
	Blank.	Tapped.	Blank.	Tapped.
$\frac{3}{16}$ ----	20.	24.5	----	----
$\frac{1}{4}$ ----	13.7	15.7	----	----
$\frac{5}{16}$ ----	12.3	13.8	----	----
$\frac{3}{8}$ ----	10.7	11.8	14.	15.6
$\frac{7}{16}$ ----	10.	10.9	13.	14.3
$\frac{1}{2}$ ----	9.	9.7	11.2	12.2
$\frac{9}{16}$ ----	8.7	9.3	10.5	11.4
$\frac{5}{8}$ ----	8.6	9.1	10.4	11.1
$\frac{3}{4}$ ----	8.4	8.8	10.1	10.7
$\frac{7}{8}$ ----	8.3	8.7	9.9	10.5
1-----	8.3	8.7	9.8	10.4
1 $\frac{1}{8}$ ----	8.3	8.7	9.8	10.4
1 $\frac{1}{4}$ ----	8.4	8.8	9.9	10.5
1 $\frac{3}{8}$ ----	8.5	9.	10.	10.7
1 $\frac{1}{2}$ ----	8.8	9.4	10.3	11.1

Hot Pressed Nuts.

List Feb. 1, 1899.
Cents per pound.

Manufacturers' Standard.

Bolt.	Square.		Hexagon.	
	Blank.	Tapped.	Blank.	Tapped.
1/4-----	13.	15.	20.	22.5
5/16-----	11.5	13.	16.	18.
3/8-----	10.	11.1	13.	14.6
7/16-----	9.2	10.1	11.4	12.7
1/2-----	8.7	9.4	10.5	11.5
9/16-----	8.6	9.2	10.4	11.3
5/8-----	8.5	9.	10.1	10.8
3/4-----	8.4	8.8	9.9	10.5
7/8-----	8.3	8.7	9.8	10.4
1-----	8.2	8.6	9.7	10.3
1 1/8-----	8.2	8.6	9.7	10.3
1 1/4-----	8.3	8.7	9.8	10.4
1 3/8-----	8.5	9.	10.	10.7
1 1/2-----	8.7	9.3	10.2	11.
1 5/8-----	8.9	9.6	10.4	11.3
1 3/4-----	9.2	9.9	10.7	11.6
1 7/8-----	9.4	10.2	10.9	11.9
2-----	9.6	10.5	11.1	12.2
2 1/8-----	9.7	10.7	11.4	12.6
2 1/4-----	9.9	11.	11.6	12.9
2 3/8-----	10.1	11.3	12.	13.4
2 1/2-----	10.3	11.6	12.3	13.8
2 3/4-----	10.8	12.2	13.	14.6
3-----	11.3	12.8	13.5	15.2
3 1/4-----	12.	13.6	14.5	16.3
3 1/2-----	13.	14.7	15.5	17.4

United States Standard.

Bolt.	Square.		Hexagon.	
	Blank.	Tapped.	Blank.	Tapped.
1/4-----	13.	15.	20.	22.5
5/16-----	12.	13.5	18.	20.
3/8-----	10.5	11.6	14.	15.6
7/16-----	10.	10.9	13.	14.3
1/2-----	9.	9.7	11.2	12.2
9/16-----	9.	9.6	11.2	12.1
5/8-----	8.7	9.2	10.5	11.2
3/4-----	8.5	8.9	10.	10.6
7/8-----	8.4	8.8	9.9	10.5
1-----	8.2	8.6	9.7	10.3
1 1/8-----	8.2	8.6	9.7	10.3
1 1/4-----	8.4	8.8	9.9	10.5
1 3/8-----	8.5	9.	10.	10.7
1 1/2-----	8.8	9.4	10.3	11.1
1 5/8-----	9.	9.7	10.5	11.4
1 3/4-----	9.3	10.	10.8	11.7
1 7/8-----	9.5	10.3	11.	12.
2-----	9.7	10.6	11.2	12.3
2 1/8-----	10.	11.	11.7	12.9
2 1/4-----	10.	11.1	11.7	13.
2 3/8-----	10.3	11.5	12.2	13.6
2 1/2-----	10.5	11.8	12.4	13.9
2 3/4-----	11.	12.4	13.	14.6
3-----	11.5	13.	13.5	15.2

Sheet Iron Dripping
PansList 1901.
Per dozen.

Inch.		Inch.	
6 x 9-----	\$1.75	10 x 14-----	\$3.40
6 1/2 x 7 3/4--	1.70	10 x 15-----	3.50
6 1/2 x 13-----	2.45	10 x 16-----	3.75
7 x 8-----	1.80	10 x 17-----	4.00
7 x 9-----	1.95	10 x 19-----	4.25
7 x 10-----	2.10	11 x 11-----	3.00
7 x 14-----	2.65	11 x 15-----	3.90
7 1/2 x 9-----	2.05	11 x 16-----	4.15
8 x 10-----	2.20	11 x 17-----	4.25
8 x 12-----	2.55	11 x 18-----	4.40
8 x 15-----	3.05	12 x 12-----	3.50
8 1/2 x 15-----	3.10	12 x 15-----	4.15
8 x 17-----	3.45	12 x 17-----	4.45
8 1/2 x 17-----	3.50	12 x 19-----	4.85
9 x 12-----	2.60	12 x 20-----	5.05
9 x 14-----	3.00	13 x 13-----	4.00
9 x 15-----	3.45	14 x 14-----	4.50
9 x 16-----	3.65	14 x 15-----	4.75
9 x 17-----	3.75	14 x 17-----	5.00
9 1/2 x 16 1/2--	3.90	16 x 17-----	5.50
10 x 10-----	2.75	18 x 19-----	6.50
10 x 12-----	3.05		

Fry Pans.

No.	Diameter	Per doz.
00	6 inches.	\$2.50
0	8 "	3.00
1	8 1/2 "	3.75
2	9 "	4.25
3	9 1/2 "	4.75
4	10 "	5.25
5	11 "	6.00
6	12 "	7.00
7	13 "	8.00
8	14 "	9.00

Flint and Emery Paper and Cloth.

List Nov. 23, 1903.

	Nos. 4/0 to 1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	
Flint Paper, 9 x 11 inch.....	\$5.50	6.00	6.50	7.00	7.50	8.50	9.50	10.50	} Per Ream.
Flint, 9 x 11 inch, Assorted, \$6.50.									

	Nos. 00 to 1/2	1 to 2	2 1/2 and 3	
Flint, 8 3/4 x 10 1/2 inch.....	\$4.25	4.75	5.25	} Per Ream.
Flint, 8 3/4 x 10 1/2 inch, Assorted, \$4.75.				

Flint Paper. Per Roll.

Width.	Nos. 4/0 to 1/2	1	1 1/2	2	2 1/2	3	3 1/2	4
24 inch.....	\$6.00	6.50	7.00	7.50	8.00	9.00	10.00	11.00
30 inch.....	8.00	8.50	9.00	9.50	10.00	11.00	13.00	15.00
36 inch.....	10.00	10.50	11.00	11.50	12.00	13.00	15.00	17.00
40 inch.....	12.00	12.50	13.00	13.50	14.00	15.00	17.00	20.00
42 inch.....	13.00	13.50	14.00	14.50	15.00	16.00	18.00	21.00
48 inch.....	15.00	16.50	17.00	17.50	18.00	20.00	23.00	26.00

Flint Cloth. Per Roll.

Width.	Nos. 00 to 1/2	1	1 1/2	2	2 1/2	3
14 inch.....	\$11.00	12.00	12.50	13.00	14.00	15.00
28 inch.....	22.00	24.00	25.00	26.00	28.00	30.00

Emery Paper.

	Nos. 000 to 1/2	1	1 1/2	2	2 1/2	3	3 1/2	
Emery Paper, 9 x 11 inch.....	\$8.50	10.00	10.50	11.00	12.50	15.00	17.50	} Per Ream.
Emery Paper, Assorted, \$10.50.								
Emery Paper, roll 24 inch wide, \$9.00	10.50	11.00	11.50	13.00	16.00	18.00		} Per Roll.

Emery Cloth.

Nos. 9 x 11 Inch.	Per Ream.	Nos. 9 x 11 Inch.	Per Ream.
Crocus.....	} \$24.00.	1.....	\$26.00
FF.....		1 1/2.....	27.00
F.....		2.....	28.00
00.....		2 1/2.....	30.00
0.....		3.....	32.00
100.....		3 1/2.....	34.00
1/2.....		Assorted, \$26.00.	

Emery Cloth. Per Roll.

Nos.-----	9 in.	18 in.	27 in.	Nos.-----	9 in.	18 in.	27 in.
Crocus.....	\$8.50	17.00	25.50	1.....	9.50	19.00	28.50
FF.....	8.50	17.00	25.50	1 1/2.....	10.00	20.00	30.00
F.....	8.50	17.00	25.50	2.....	10.50	21.00	31.50
00.....	8.50	17.00	25.50	2 1/2.....	11.00	22.00	33.00
0.....	8.50	17.00	25.50	3.....	12.00	24.00	36.00
100.....	8.50	17.00	25.50	3 1/2.....	13.00	26.00	39.00
1/2.....	8.50	17.00	25.50				

Garnet Paper.

	Nos. 4/0 to 1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	
Garnet, 9 x 11 in.....	\$6.00	6.50	7.00	7.50	8.00	9.00	10.00	11.00	} Per Ream.
Garnet, 9 x 11 in., assorted, \$7.00.									

Garnet Paper. Per Roll.

Width.	Nos. 4/0 to 1/2	1	1 1/2	2	2 1/2	3	3 1/2	4
24 in.....	\$7.00	7.25	7.50	8.00	8.50	9.50	11.00	12.00
30 in.....	9.00	9.50	10.00	10.50	11.00	12.00	14.00	16.00
36 in.....	11.00	11.50	12.00	12.50	13.00	14.00	16.00	18.00
40 in.....	13.00	13.50	14.00	14.50	15.00	16.00	18.00	21.00
42 in.....	15.00	15.50	16.00	16.50	17.00	18.00	20.00	23.00
48 in.....	18.00	19.50	20.00	20.50	22.00	25.00	29.00	32.00

Garnet Cloth. Per Roll.

Width.	Nos. 00 to 1/2	1	1 1/2	2	2 1/2	3
14 in.....	\$13.00	14.00	14.50	15.00	15.50	16.00
28 in.....	26.00	28.00	29.00	30.00	31.00	32.00

Grub Hoes.

List Feb. 23, 1899.
Price per doz.

	Nos.	0	1	2	3	4
Western Pattern	---	\$11.50	12.00	12.50	13.00	14.00
Baltimore "	---	----	12.00	13.00	14.00	15.00

Mattocks.

Common or Adze Eye,
List Feb. 23, 1899. Per doz.

	—SHORT CUTTER—		—LONG CUTTER—	
	5 lb. or lighter.	5½ lb.	5 lb. or lighter.	6 lb.
Mattocks	\$16.00	16.50	16.00	17.00
	5 lb.			6 lb.
Pick Mattocks	16.00	----	----	17.00

Picks.

List Feb. 23, 1899.
Price per doz.

	Lbs. 4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	
Adze Eye Railroad	\$11.50	12.50	13.50	14.50	16.50	18.50	
	Lbs. 4	5	6	7	8	9	10
	\$11.50	12.00	13.00	14.00	15.50	17.50	19.50
Ore Picks, same List as Railroad Picks.							
	Lbs. 6 to 7			7 to 8	8 to 9		
Adze Eye Tamping	\$18.00			19.00	20.00		
	Lbs. 6	7	8	9			
	\$18.00	18.50	19.50	21.00			
	Lbs. 5 to 6		6 to 7	7 to 8	8 to 9		
Stone	\$15.50		16.50	17.50	18.50		

Brass Escutcheon Pins.

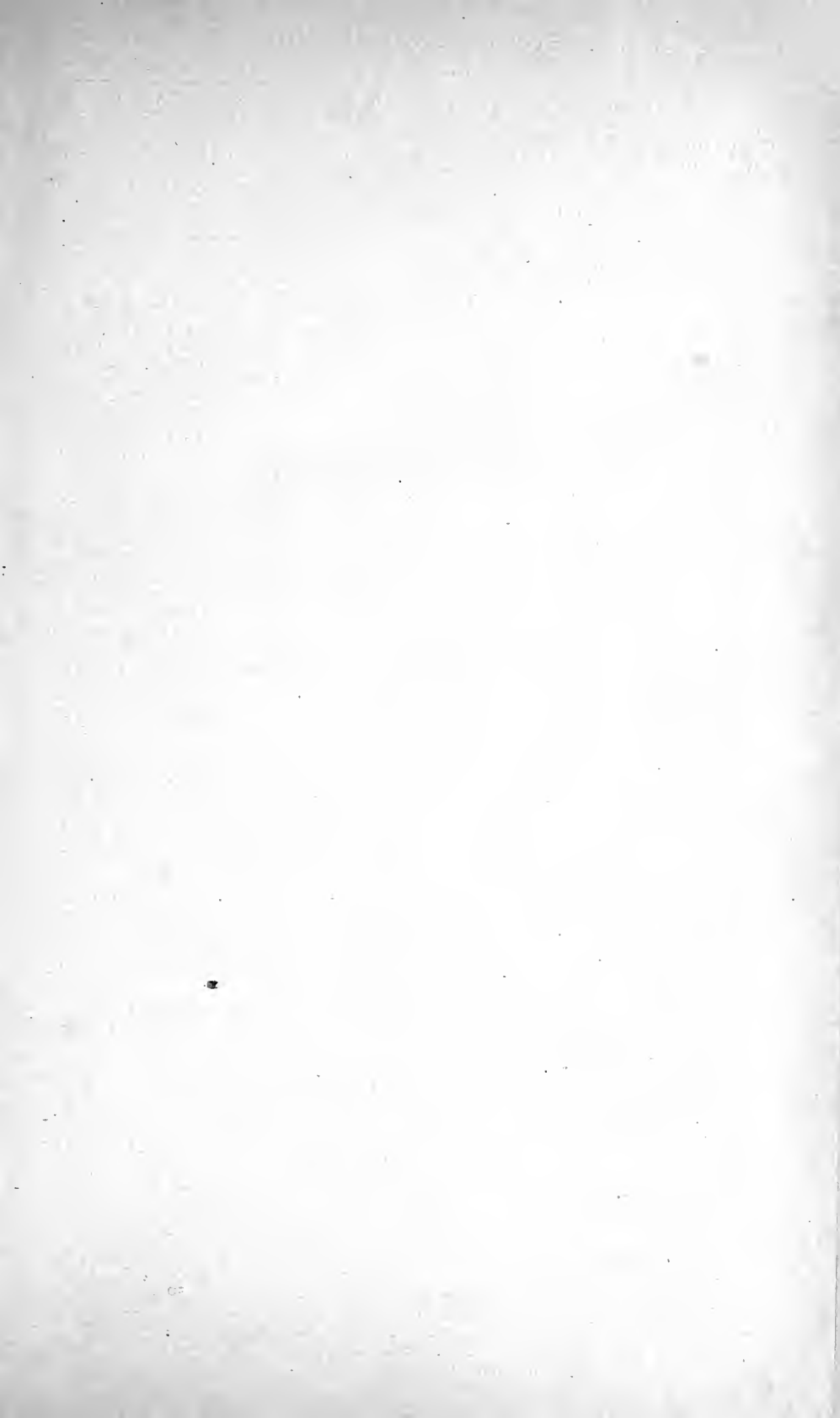
List March, 1900.

Inch.	3/16	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
No.													
10	----	----	75	73	72	71	70	69	68	67	66	65	65
11	----	----	*75	74	73	72	71	70	69	68	67	66	66
12	----	----	77	75	74	73	72	71	70	69	68	67	67
13	----	----	78	76	75	74	73	72	71	70	69	69	69
14	90	83	80	77	76	75	74	73	72	71	70	70	70
15	95	85	82	78	77	76	75	74	73	72	72	72	72
16	100	90	85	82	80	78	76	75	74	74	74	74	75
17	110	100	92	89	87	85	83	81	80	80	80	81	82
18	120	110	100	96	94	92	90	90	90	92	92	93	95
19	135	120	115	110	105	100	100	103	103	103	105	--	--
20	155	135	125	120	115	110	110	115	115	115	--	--	--
21	175	155	145	135	130	130	135	135	--	--	--	--	--
22	200	175	160	145	140	145	--	--	--	--	--	--	--

* Some lists 76 cents.

Button Pliers

Inch,	4 1/2	6	8	10	12
Per dozen,	\$10.00	\$12.00	\$15.00	\$20.00	\$24.00



Cast Iron Soil Pipe and Fittings.

List February 25, 1901.

	Standard.						Extra Heavy.					
	2	3	4	5	6	8	2	3	4	5	6	8
Inch Diameter, Single Hub Pipe, per ft.	\$0.24	.32	.40	.60	.70	1.25	.35	.65	.80	1.15	1.30	2.25
Double Hub Pipe, per 5 ft. length	1.50	1.90	2.30	3.50	4.25	7.25	2.05	3.55	4.30	6.25	7.25	12.75
Bends:												
Quarter, Fifth, Sixth, Eighth and Sixteenth.	.40	.65	.80	1.50	2.00	3.00	.50	.95	1.15	2.00	2.75	4.00
Dble. Hub Bends:												
Quarter, Fifth, Sixth, Eighth and Sixteenth.	.70	.95	1.10	2.00	2.50	---	.80	1.25	1.45	2.50	3.25	---
Qtr. Bends, 2 in. heel out'l't	.90	1.15	1.35	2.00	2.50	---	1.00	1.45	1.65	2.50	3.25	---
“ 3 in. “	---	1.25	1.45	2.10	2.60	---	---	1.55	1.75	2.60	3.35	---
“ 4 in. “	---	---	1.60	2.25	2.75	---	---	---	1.90	2.75	3.50	---
“ 2 in. side out'l't	1.40	1.65	1.85	2.50	3.00	---	1.50	1.95	2.15	3.00	3.75	---
“ 3 in. “	---	1.90	2.50	2.75	3.25	---	---	2.20	2.40	3.25	4.00	---
“ 4 in. “	---	---	2.35	3.00	3.50	---	---	---	2.65	3.50	4.25	---
Short Sweep Bends	1.00	1.10	1.40	2.25	2.75	---	1.50	1.80	2.00	3.00	4.00	---
Sanitary Bends	1.20	1.50	2.00	3.00	4.00	---	1.80	2.00	2.75	4.00	5.50	---
Long Quarter and Eighth Bends, 18 in. clear	1.10	1.50	1.75	2.50	3.00	5.50	1.50	2.00	2.50	3.50	4.50	7.00
Ventilating Branches	.80	1.25	1.50	2.25	3.00	6.00	1.25	1.75	2.00	3.00	4.00	8.50
Inverted Y “	.80	1.25	1.50	2.25	3.00	6.00	1.25	1.75	2.00	3.00	4.00	8.50
Clean-outs with round hand holes	.80	1.20	1.50	2.00	3.00	5.00	1.00	1.50	2.00	3.00	4.00	7.50
Clean-outs with square hand holes	1.00	1.35	1.75	2.75	3.75	---	1.50	2.50	3.50	5.00	6.00	---
Offsets, to offset 2 inches	.45	.80	.85	---	---	---	.75	---	1.25	---	---	---
“ “ 4 “	.50	.90	1.00	1.70	2.00	---	.90	1.25	1.40	2.25	3.00	---
“ “ 6 “	.60	1.00	1.15	1.90	2.25	---	1.00	1.35	1.60	2.50	3.25	---
“ “ 8 “	.70	1.10	1.30	2.10	2.50	---	1.10	1.50	1.80	2.75	3.50	---
Double Hubs	.30	.55	.70	1.00	1.20	2.50	.45	.70	.85	1.35	1.60	3.50
Straight Sleeves	.30	.55	.70	1.00	1.20	2.50	.45	.70	.85	1.35	1.60	3.50
Single Hubs	.30	.50	.65	.85	1.00	2.50	.40	.60	.75	1.10	1.35	3.50
Reducers, Spigot end to govern price	---	.50	.65	.85	1.00	2.50	.40	.60	.75	1.10	1.35	3.50
Thimbles	.15	.25	.30	.35	.45	---	.25	.40	.50	.60	.75	---
Thimbles with hand hole covers	.40	.50	.60	.75	1.00	2.25	.50	.80	1.00	1.25	1.50	4.00
Plugs or Pipe Stoppers	.15	.25	.30	.40	.50	1.20	.25	.35	.40	.60	.75	1.50
Y and Half Y Saddle Hubs	.35	.55	.70	.90	1.25	2.00	.45	.70	.90	1.15	1.55	3.00
Pipe Bands	.45	.60	.80	1.25	1.75	2.25	.90	1.15	1.50	2.00	2.75	4.00
“ “ with outlets	.75	1.00	1.25	1.75	2.25	3.00	1.50	1.75	2.00	2.75	3.50	5.00
Pipe Rests	.30	.40	.50	.60	.70	1.10	.40	.55	.65	.80	1.00	1.75
Ventilating Caps, Spigot end	.40	.60	.80	1.25	1.75	---	.60	.80	1.25	2.50	3.50	---
Ventilating Caps, Hub end	.70	.90	1.10	1.75	2.25	---	.90	1.25	1.55	3.00	4.00	---
Long Ventilating Caps, Spigot end	.75	1.05	1.35	2.00	2.50	---	1.15	1.65	2.10	3.00	3.75	---
Long Ventilating Caps, Hub end	1.05	1.35	1.65	2.55	3.00	---	1.45	1.95	2.50	3.50	4.25	---
Roof Irons	.90	1.15	1.30	1.50	1.80	---	---	---	---	---	---	---
Hand Hole and Cover Traps, S, ¾ S, ½ S, and Running	1.00	1.50	2.00	3.75	4.75	9.25	1.50	2.25	3.00	4.75	6.25	12.50
Traps with 4 inch vent, S, ¾ S and ½ S	---	---	2.50	4.25	5.25	---	---	---	3.50	5.25	6.75	---
Running Traps with 4 inch vent	---	---	2.50	4.25	5.25	9.75	---	---	3.50	5.25	6.75	12.75
Running Traps with 4 inch double vent	---	---	3.25	5.00	6.00	---	---	---	4.25	6.00	7.50	---
Long T, San. T or T Y and Y Branches 18 inches clear	---	---	2.25	3.00	4.00	---	---	---	3.25	4.25	5.25	---
Double Angle Y Branch, 4 inch Branches only	---	---	3.50	4.50	5.75	---	---	---	4.50	5.75	7.25	---
Long Sweep T Y, 4x4	---	---	2.50	---	---	---	---	---	3.50	---	---	---
Double Elbows	---	---	2.50	---	---	---	---	---	---	---	---	---
Triple “	---	---	3.25	---	---	---	---	---	---	---	---	---
Three Way Branches	---	---	3.25	---	---	---	---	---	---	---	---	---

For complete line, see manufacturers' lists.

Standard Wrought Iron Pipe.

List March 1, 1900.
Standard Steam, Gas and Water Pipe. Price per foot.

BLACK AND GALVANIZED.

Nominal size
inside diameter.
Inches.

$\frac{1}{8}$	-----	\$0.05 $\frac{1}{2}$
$\frac{1}{4}$	-----	.05 $\frac{1}{2}$
$\frac{3}{8}$	-----	.05 $\frac{1}{2}$
$\frac{1}{2}$	-----	.08 $\frac{1}{2}$
$\frac{3}{4}$	-----	.11 $\frac{1}{2}$
I	-----	.16 $\frac{1}{2}$
I $\frac{1}{4}$	-----	.22 $\frac{1}{2}$
I $\frac{1}{2}$	-----	.27
2	-----	.36
2 $\frac{1}{2}$	-----	.57 $\frac{1}{2}$
3	-----	.75 $\frac{1}{2}$
3 $\frac{1}{2}$	-----	.95
4	-----	1.08
4 $\frac{1}{2}$	-----	1.30
5	-----	1.45
6	-----	1.88
7	-----	2.35
8	-----	2.82
9	-----	3.40
IO	-----	4.25
II	-----	4.75
12	-----	5.20

X STRONG PIPE.

Size, inch.	Actual outside diameter.	Nom. inside diameter.	
$\frac{1}{8}$	0.405	0.205	\$0.11
$\frac{1}{4}$	0.540	0.294	.11
$\frac{3}{8}$	0.675	0.421	.11
$\frac{1}{2}$	0.840	0.542	.12
$\frac{3}{4}$	1.05	0.736	.15
I	1.315	0.951	.22
I $\frac{1}{4}$	1.66	1.272	.30
I $\frac{1}{2}$	1.900	1.494	.36
2	2.375	1.933	.50
2 $\frac{1}{2}$	2.875	2.315	.81
3	3.500	2.892	1.05
3 $\frac{1}{2}$	4.000	3.358	1.33
4	4.500	3.818	1.50
4 $\frac{1}{2}$	5.000	4.280	1.95
5	5.563	4.813	2.16
6	6.625	5.750	2.90
7	7.625	6.625	3.80
8	8.625	7.625	4.30

XX STRONG PIPE.

Size, inch.	Actual outside diameter.	Nom. inside diameter.	
$\frac{1}{2}$	0.84	0.244	\$0.25
$\frac{3}{4}$	1.05	0.422	.30
I	1.315	0.587	.37
I $\frac{1}{4}$	1.66	0.885	.52
I $\frac{1}{2}$	1.90	1.088	.65
2	2.375	1.491	.95
2 $\frac{1}{2}$	2.875	1.755	1.37
3	3.50	2.284	1.92
3 $\frac{1}{2}$	4.00	2.716	2.45
4	4.50	3.136	2.85
4 $\frac{1}{2}$	5.00	3.564	3.30
5	5.563	4.063	3.80
6	6.625	4.875	5.30
7	7.625	5.875	6.25
8	8.625	6.875	7.20

Lap Welded Casing.

Nominal inside diameter. Inches.	Actual outside diameter. Inches.	Nominal weight per foot. Lbs.	
2	2 $\frac{1}{4}$	2.22	\$0.23
2 $\frac{1}{4}$	2 $\frac{1}{2}$	2.82	.29
2 $\frac{1}{2}$	2 $\frac{3}{4}$	3.13	.32
2 $\frac{3}{4}$	3	3.45	.35
3	3 $\frac{1}{4}$	4.10	.41
3 $\frac{1}{4}$	3 $\frac{1}{2}$	4.45	.45
3 $\frac{1}{2}$	3 $\frac{3}{4}$	4.78	.48
3 $\frac{3}{4}$	4	5.56	.56
4	4 $\frac{1}{4}$	6.00	.60
4 $\frac{1}{4}$	4 $\frac{1}{2}$	6.36	.64
4 $\frac{1}{2}$	4 $\frac{1}{2}$	9.38	1.00
4 $\frac{1}{2}$	4 $\frac{3}{4}$	6.73	.68
4 $\frac{3}{4}$	4 $\frac{3}{4}$	9.39	1.00
4 $\frac{3}{4}$	5	7.80	.78
5	5 $\frac{1}{4}$	8.20	.82
5	5 $\frac{1}{4}$	9.86	1.00
5	5 $\frac{1}{4}$	12.80	1.30
5	5 $\frac{1}{4}$	15.88	1.50
5 $\frac{3}{8}$	5 $\frac{1}{2}$	8.62	.87
5 $\frac{3}{8}$	5 $\frac{1}{2}$	12.49	1.30
5 $\frac{3}{8}$	6	10.46	1.05
5 $\frac{3}{8}$	6	12.04	1.20
5 $\frac{3}{8}$	6	14.20	1.40
5 $\frac{3}{8}$	6	16.70	1.60
6 $\frac{1}{4}$	6 $\frac{3}{8}$	11.58	1.16
6 $\frac{1}{4}$	6 $\frac{3}{8}$	13.32	1.35
6 $\frac{1}{4}$	6 $\frac{3}{8}$	17.02	1.70
6 $\frac{3}{8}$	7	12.34	1.24
6 $\frac{3}{8}$	7	17.51	1.75
7 $\frac{1}{4}$	7 $\frac{3}{8}$	13.55	1.36
7 $\frac{3}{8}$	8	15.41	1.55
7 $\frac{3}{8}$	8	20.17	2.10
8 $\frac{1}{4}$	8 $\frac{3}{8}$	16.07	1.61
8 $\frac{1}{4}$	8 $\frac{3}{8}$	20.10	2.00
8 $\frac{1}{4}$	8 $\frac{3}{8}$	24.38	2.40
8 $\frac{3}{8}$	9	17.60	1.76
9 $\frac{3}{8}$	10	21.90	2.20
10 $\frac{3}{8}$	11	26.72	2.68
11 $\frac{3}{8}$	12	30.35	3.05
12 $\frac{1}{2}$	13	33.78	3.38

Wrought Iron Nipples.

List Oct. 7, 1899.
Price each.

Threaded Right Hand.

Close.	INCHES.		Close or		Extra Long Nipples.												ins.
	Short.	Long.	Sizes.	Short.	Long.	4	5	6	7	8	9	10	11	12			
$\frac{3}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{8}$	\$0.04	.06	.07	.08	.10	.12	.14	.15	.17	.18	.19
$\frac{7}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{4}$	.04	.06	.07	.08	.10	.12	.14	.15	.17	.18	.19
1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{3}{8}$	.04	.06	.07	.08	.10	.12	.14	.15	.17	.18	.19
$1\frac{1}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{2}$	.05	.07	.08	.10	.12	.14	.16	.18	.20	.22	.23
$1\frac{3}{8}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$\frac{3}{4}$	.06	.09	--	.11	.13	.17	.18	.20	.22	.24	.26
$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	1	.08	.13	--	.15	.18	.23	.25	.28	.31	.34	.36
$1\frac{3}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{4}$	.11	.17	--	.20	.24	.29	.33	.36	.40	.44	.47
$1\frac{7}{8}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{2}$	.13	.20	--	.25	.29	.36	.40	.45	.50	.54	.59
2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	2	.18	.27	--	.32	.38	.50	.54	.59	.65	.72	.77
$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$2\frac{1}{2}$	.39	.59	--	--	.68	.90	.97	1.06	1.17	1.26	1.35
$2\frac{3}{8}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	3	.48	.72	--	--	.85	1.08	1.20	1.33	1.45	1.58	1.70
$2\frac{7}{8}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$3\frac{1}{2}$	.75	1.05	--	--	--	1.30	1.45	1.60	1.75	1.90	2.05
3	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	4	.85	1.20	--	--	--	1.52	1.69	1.87	2.05	2.22	2.40
3	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$4\frac{1}{2}$	1.25	1.70	--	--	--	2.25	2.50	2.75	2.95	3.17	3.40
$3\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	5	1.55	2.45	--	--	--	2.58	2.83	3.10	3.35	3.60	3.85
$3\frac{3}{8}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	6	1.85	2.90	--	--	--	3.05	3.35	3.70	4.00	4.30	4.65
4	5	6	--	--	--	7	3.20	3.60	--	--	--	4.05	4.45	4.90	5.30	5.75	6.15
4	5	6	--	--	--	8	3.55	4.05	--	--	--	4.55	5.05	5.50	6.00	6.50	7.00
5	6	8	--	--	--	9	5.25	6.50	--	--	--	--	7.10	7.75	8.40	9.00	
5	6	8	--	--	--	10	6.75	8.25	--	--	--	--	--	8.90	9.70	10.40	11.15
--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--
5	6	8	--	--	--	12	8.00	10.00	--	--	--	--	--	10.50	11.75	12.70	13.65

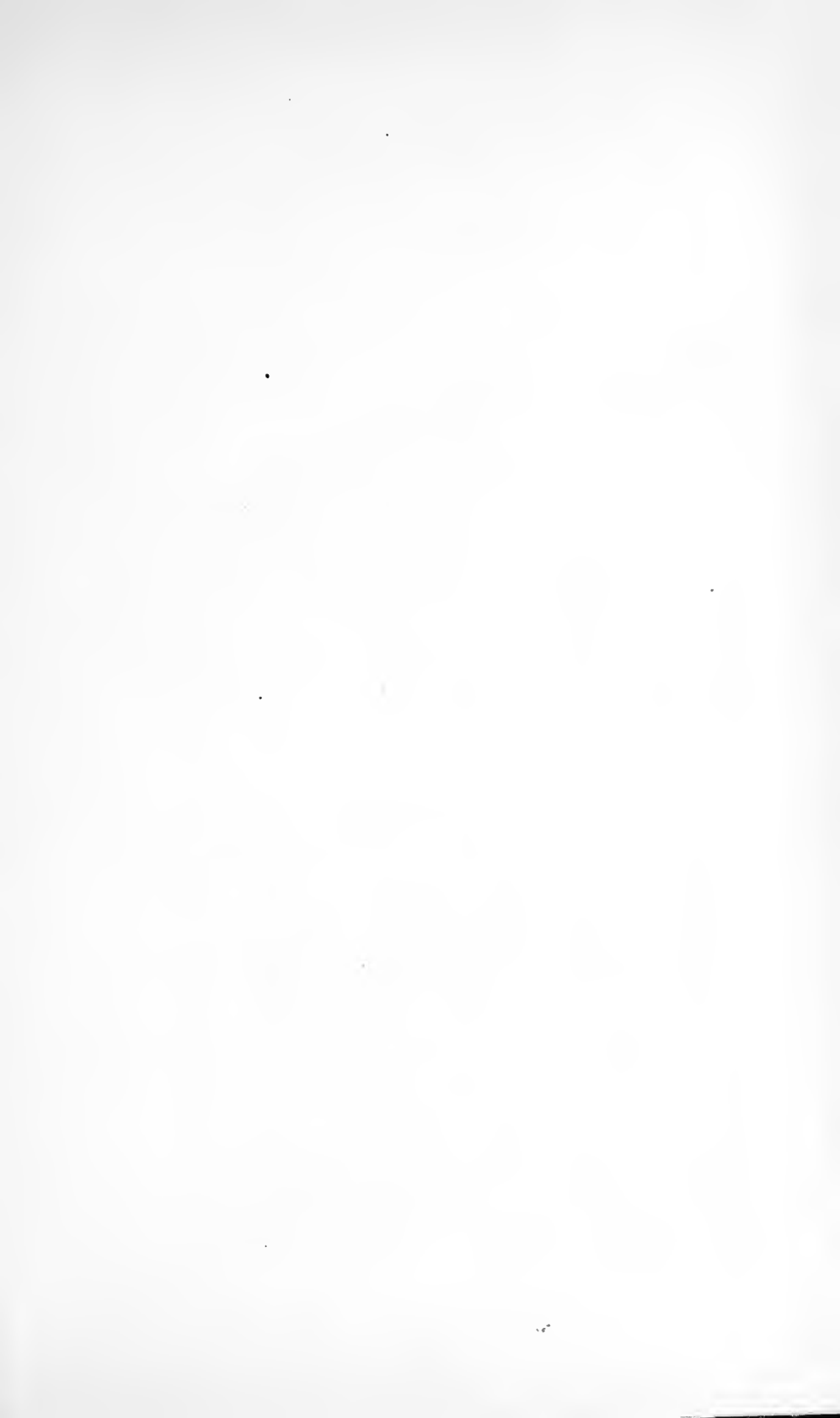
Threaded Right and Left.

$\frac{3}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{8}$	\$0.05	.08	.09	.11	.13	.16	.18	.20	.23	.25	.27
$\frac{7}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{4}$	.05	.08	.09	.11	.13	.16	.18	.20	.23	.25	.27
1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{3}{8}$	.05	.08	.09	.11	.13	.16	.18	.20	.23	.25	.27
$1\frac{1}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{2}$	.07	.10	.11	.13	.16	.18	.21	.24	.27	.29	.31
$1\frac{3}{8}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$\frac{3}{4}$	.08	.12	--	.15	.17	.23	.25	.27	.29	.32	.35
$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	1	.11	.18	--	.20	.24	.31	.33	.37	.41	.45	.48
$1\frac{3}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{4}$	.15	.23	--	.27	.32	.39	.45	.50	.55	.60	.65
$1\frac{7}{8}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{2}$	.18	.27	--	.34	.39	.48	.52	.60	.67	.72	.80
2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	2	.24	.36	--	.43	.51	.67	.72	.80	.87	.96	1.03
$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$2\frac{1}{2}$	.52	.79	--	--	.91	1.20	1.30	1.40	1.55	1.68	1.80
$2\frac{3}{8}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	3	.65	.96	--	--	1.13	1.44	1.60	1.77	1.93	2.10	2.27
$2\frac{7}{8}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$3\frac{1}{2}$	1.00	1.40	--	--	--	1.75	1.95	2.15	2.35	2.55	2.75
3	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	4	1.15	1.60	--	--	--	2.00	2.25	2.50	2.75	3.00	3.25

Add 60 per cent. to above prices for Galvanized Nipples threaded right and left.

Galvanized Threaded Right Hand.

$\frac{3}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{8}$	\$0.06	.11	.12	.15	.17	.21	.24	.26	.29	.31	.34
$\frac{7}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{4}$	.06	.11	.12	.15	.17	.21	.24	.26	.29	.31	.34
1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{3}{8}$	.06	.11	.12	.15	.17	.21	.24	.26	.29	.31	.34
$1\frac{1}{8}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$\frac{1}{2}$	.06	.11	.13	.16	.18	.23	.26	.28	.31	.33	.36
$1\frac{3}{8}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$\frac{3}{4}$	.08	.14	--	.18	.21	.26	.29	.32	.35	.38	.41
$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	1	.11	.19	--	.24	.28	.34	.38	.42	.47	.51	.55
$1\frac{3}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{4}$	.17	.29	--	.32	.38	.45	.51	.57	.63	.69	.75
$1\frac{7}{8}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$1\frac{1}{2}$	.21	.35	--	.39	.46	.55	.63	.70	.77	.84	.91
2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	2	.27	.47	--	.52	.61	.74	.83	.93	1.03	1.13	1.23
$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$2\frac{1}{2}$	.56	.86	--	--	1.00	1.26	1.41	1.56	1.71	1.86	2.01
$2\frac{3}{8}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	3	.70	1.10	--	--	1.30	1.60	1.80	2.00	2.20	2.40	2.60
$2\frac{7}{8}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$3\frac{1}{2}$	1.20	1.70	--	--	--	2.10	2.35	2.60	2.85	3.15	3.40
3	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	4	1.35	1.87	--	--	--	2.30	2.60	2.90	3.20	3.50	3.80
3	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$4\frac{1}{2}$	1.85	2.60	--	--	--	3.30	3.65	4.05	4.45	4.85	5.25
$3\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	5	2.30	3.15	--	--	--	3.75	4.20	4.60	5.00	5.40	5.85
$3\frac{3}{8}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	6	2.80	4.25	--	--	--	4.50	5.00	5.55	6.05	6.60	7.15
4	5	6	--	--	--	7	4.25	4.95	--	--	--	5.65	6.35	7.05	7.75	8.45	9.20
4	5	6	--	--	--	8	5.00	5.80	--	--	--	6.65	7.50	8.35	9.25	10.10	10.95



Vitrified Sewer Pipe.

See also preceding page.

Cellar Traps.

	Each.
9 x 4 with bottom,	\$6.00
without bottom,	5.00
12 x 4 with bottom,	9.00
without bottom,	6.00

Wall Coping.

	Per foot.
8-inch and 9-inch,	\$0.35
12 " " 13 " "	.55
18 " " " "	1.00
Corners, Angles and Closed Ends or Starters, each three times the price of one foot of straight Coping.	

Slop and Closet Bowls.

With or without Strainers.

	Each.
12 x 6	\$3.50
12 x 4	3.50
15 x 6	5.00
15 x 4	5.00

Fire Clay Stove Pipe and Fittings

See also following page.

Adopted by the Eastern and Western Manufacturers, December 19, 1901.

Calibre. Inside. inch.	Plain, per foot.	Bonnets, 2 feet long, each.	Bottoms, 2 feet long, each.	Openings single, 2 feet long, each.	Openings double, 2 ft. long, each.	Openings single closed ends 2 feet long, each.	Drop Bot- toms, 3 feet long, each.	Elbows, each.	Mandary Tops, each.	Windguard Bonnets, Without Hoods, each.
5	\$0.35	\$1.40	\$1.05	\$1.05	\$1.40	\$1.40	\$2.10	\$1.40	---	\$1.40
6	.40	1.60	1.20	1.20	1.60	1.60	2.40	1.60	---	1.60
7	.50	2.00	1.50	1.50	2.00	2.00	3.00	2.00	---	2.00
8	.60	2.40	1.80	1.80	2.40	2.40	3.60	2.40	---	2.40
9	.70	2.80	2.10	2.10	2.80	2.80	4.20	2.80	---	---
10	.85	3.40	2.55	2.55	3.40	3.40	5.10	3.40	---	---
12	1.10	4.40	3.30	3.30	4.40	4.40	6.60	4.40	---	---
15	1.50	---	4.50	4.50	6.00	---	---	6.00	---	---
18	1.80	---	5.40	5.40	7.20	---	---	7.20	---	---
20	2.50	---	7.50	7.50	10.00	---	---	10.00	---	---
21	2.75	---	8.25	8.25	11.00	---	---	---	---	---
22	3.00	---	9.00	9.00	12.00	---	---	---	---	---
24	3.50	---	10.50	10.50	14.00	---	---	---	---	---
27	4.25	---	---	12.75	17.00	---	---	---	---	---
30	5.50	---	---	16.50	22.00	---	---	---	---	---
33	6.25	---	---	18.75	25.00	---	---	---	---	---
36	7.00	---	---	21.00	28.00	---	---	---	---	---

Additional lengths charged in proportion. Bottoms, Closed Ends or Flanges added, each charged one foot of Pipe of the same size. Chimney Bases 18 inches high or under, the price of 5 feet of Pipe of size of Bowl; over 18 inches in height, the additional length charged.

Fifty per cent. additional charged for Hooded Windguard Bonnets.

Flue Linings

Square or Round Corners. In 2 feet lengths.

Inches.	Outside Measure.	Per foot.
4½ x 8½	---	\$0.30
4½ x 13	---	.45
4½ x 18	---	1.00
6 x 12	---	.50
6 x 16	---	.75
7 x 7	---	.35
8½ x 8½	---	.45
8½ x 13	---	.65
8½ x 18	---	.90
13 x 13	---	.85
13 x 18	---	1.20
14 x 16	---	1.10
18 x 18	---	2.00

Openings and Registers, add 50 per cent.

Stove Thimbles

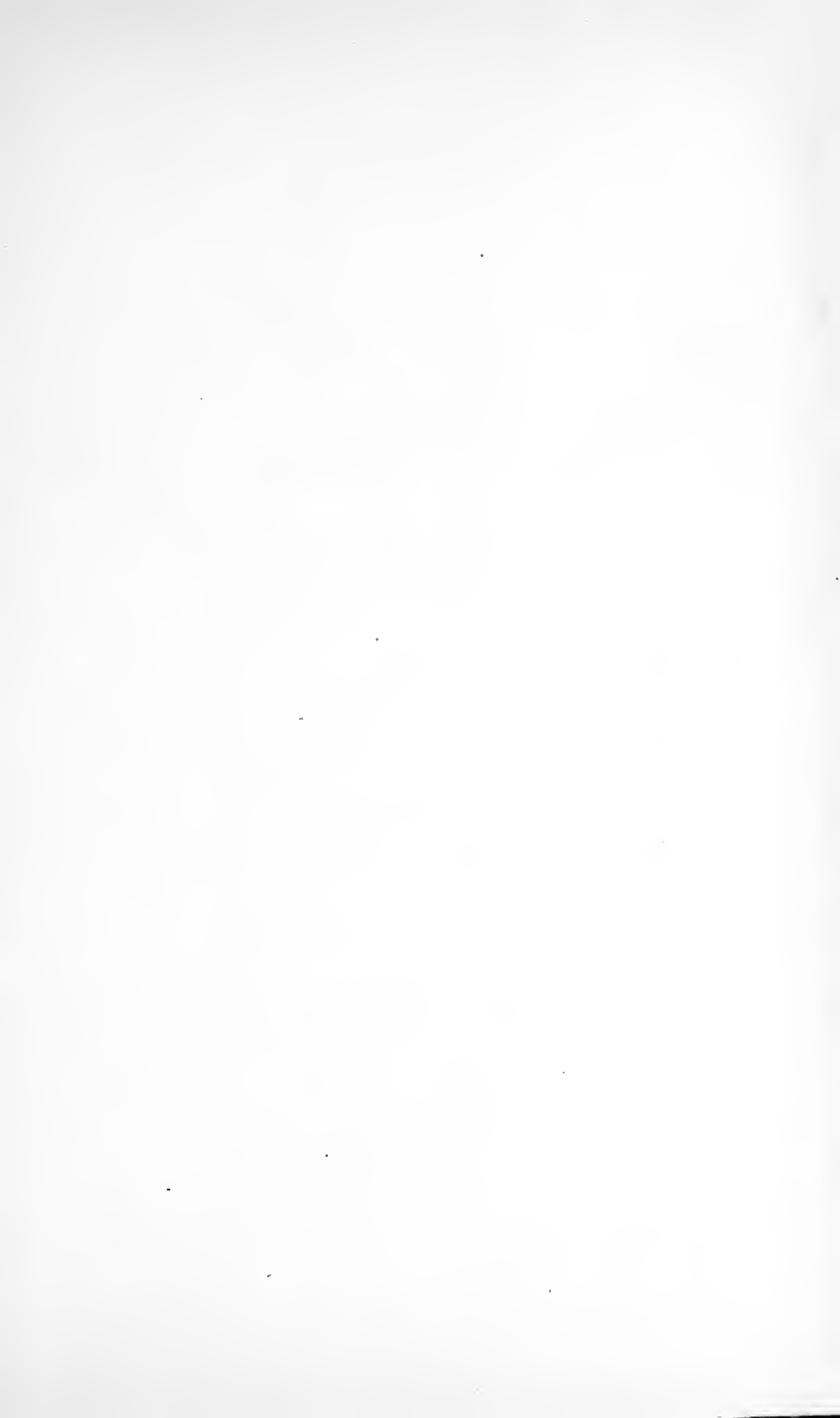
Each

Inches long. Calibre.	4½	6	8	10	12
4	\$0.17	\$0.22	---	---	---
5	.20	.25	\$0.35	\$0.40	\$0.45
6	.25	.35	.40	.45	.50
7	.30	.40	.45	.50	.60
8	.35	.45	.55	.60	.70
9	.40	.50	.60	.70	.80
10	.45	.55	.65	.75	.85
12	.55	.65	.75	.85	1.00

Round Flues

Per foot.

Without Sockets.		Inside Measure.	
Inch.		Inch.	
6	-----\$0.30	20	-----\$2.25
7	-----".38	21	-----2.50
8	-----".45	22	-----2.75
9	-----".55	24	-----3.25
10	-----".65	27	-----4.25
12	-----".85	30	-----5.50
15	-----1.25	33	-----6.25
18	-----1.70	36	-----7.00



Fire Clay Stove Pipe and Fittings Chimney Tops.

See also preceding page.

No.	Name.	Height.	Shaft.	Base.		Price.
				Kind.	Size.	
1	Round.....	2 1/2 & 3 ft.	Round.	Round.	13 in.	\$2.25 \$2.75 & \$3.50
4	Round.....	2 1/2 & 3 ft.	Round.	Square.	13 x 13 in.	2.25 2.75 & 3.50
7	Octagon.....	2 1/2 & 3 ft.	Octagon	Square.	13 x 13 in.	2.25 2.75 & 3.50
10	Octagon.....	2 1/2 & 3 ft.	Octagon	Octagon	13 in.	2.25 2.75 & 3.50
13	Crown.....	2 1/2 & 3 ft.	Paneled.	Square.	13 x 13 in.	2.25 2.75 & 3.50
16	Octagon, Hooded.....	2 1/2 & 3 ft.	Octagon.	Square.	13 x 13 in.	3.25 & 4.00
18	Oblong.....	2 1/2 & 3 ft.	Obl. Sq.	Obl. Sq.	12 x 16 in.	2.50 3.00 & 3.75
21	Cone.....	2 ft.	Cone.	Square.	13 x 13 in.	2.00
22	New York.....	2 ft.	Round.	Round.	10 in.	2.00
23	Wind Guard.....	3 & 3 1/2 ft.	Round.	Square.	13 x 13 in.	5.25 & 6.00
25	Wind Guard, Hooded..	3 & 3 1/2 ft.	Round.	Square.	13 x 13 in.	5.75 & 6.50
27	Wind Guard.....	3 & 3 1/2 ft.	Round.	Round.	13 in.	5.25 & 6.50
29	Wind Guard, Hooded..	3 & 3 1/2 ft.	Octagon.	Square.	13 x 13 in.	5.75 & 6.00

Iron and Steel Planes.

Comparative List. July, 1904.

Ohio Tool Co.
Sargent & Co.
Stanley Rule & Level Co.
Tower & Lyon Co.
Union Mfg. Co.

Smooth

Length Inches	Cutter Inches	S. R. & L. Co. No.	U. Mfg. Co., No.	S. & Co. No.	O. T. Co. No.	T. & L. Co. No.
5 1/2	1 1/4	1 \$1.50	----	----	01 \$2.25	----
7	1 3/8	2 1.85	2 \$2.75	407 \$2.75	02 2.75	----
8	1 3/4	----	----	----	----	1203, } \$3.25
8	1 3/4	----	----	----	----	203 } 3.50
8	1 3/4	3 2.00	3 3.00	408 3.00	03 3.00	233 } 3.50
9	2	4 2.20	4 3.25	409 3.25	04 3.25	1205, } 3.50
9	2	----	4 1/4 4.00	----	----	205 } 3.75
9	2 1/8	104 1.85	----	----	----	1255 } 3.75
9 1/2	2 1/4	----	----	----	04 1/4 3.60	----
10	2 3/8	4 1/2 2.50	4 1/2 3.75	410 3.75	04 1/2 3.75	----

Jack.

14	2	5 2.50	5 3.75	414 3.75	05 3.75	----
14	2 1/8	105 2.35	----	----	----	----
14	2 1/8	----	----	----	05 1/4 4.00	----
15	2 1/8	----	----	----	----	207 } 4.25
15	2 1/4	5 1/2 2.85	5a 4.25	----	05 1/2 4.25	1207 } 4.25
15	2 3/8	----	----	----	05 3/4 4.50	----

Fore.

18	2 1/4	----	----	----	----	208 } 5.00
18	2 3/8	6 3.20	6 4.75	418 4.75	06 4.75	1208 } 5.00

Jointer.

22	2 3/8	7 3.65	7 5.50	422 5.50	07 5.50	----
22	2 1/2	----	----	----	----	210 } 5.75
24	2 5/8	8 4.35	8 6.50	424 6.50	08 6.50	1210 } 5.75
24	2 5/8	----	----	----	----	211 } 6.75
						1211 }

Note : Corrugated Bottom same list as Smooth Bottom Planes.

Iron and Steel Planes.

(Continued.)

Circular, Scraper and Scrub

Length Inches	Cutter Inches	S. R. & L. Co. No.	U. Mfg. Co. No.	S. & Co. No.	O. T. Co. No.	T. & L. Co. No.
--	1 3/4	113	311		0113	
--	1 3/4	20			020	
--	1 3/4	20 1/2			020 1/2	
9	3	112			0112	
--	3	12	60	3.50	012	
9 1/2	1 1/4	40			040	
10 1/2	1 1/2	40 1/2				

Rabbit

4	1	75	50	505		
9	2 1/8	10 1/2			010 1/2	
13	2 1/8	10			010	
8	1 1/2	180			0180	
8	1 1/4	181			0181	
8	1	182			0182	
8	1 1/2	190			0190	
8	1 1/4	191			0191	
8	1	192			0192	

Router

--	1/4 & 1/2	71		62		
--	1/4 & 1/2	71 1/2		61		

Hand Bader

--	----	66		----	066	
----	------	----	--	------	-----	--

Block.

3 1/2	1	100	100	105	0100	
3 1/2	1	101	101	104	0101	
5 1/2	1 1/4	102	102	106	0102	
5 1/2	1 1/4	103	103	206	0103	
6	1 1/2	60 1/2			060 1/2	
6	1 1/2	60			060	
6	1 3/4	9 1/2	9 1/2	306	09 1/2	
6	1 3/4	9 3/4	9 3/4	316	09 3/4	
6	1 3/4	16			016	
6	1 3/4			4306		
6	1 3/4		9 5/8	1306	09 5/8	
6	1 3/4			1316		
6	1 3/4	18	138	5306		
6 1/4	1 5/8					15 \$0.85
6 1/2	1 5/8					18 1.10
6 1/2	1 5/8					20 1.40
6 1/2	1 5/8					30 1.65
7	1 3/4	15	15	307	015	
7	1 3/4	15 1/2	15 1/2	317	015 1/2	
7	1 3/4	140			0140	
7	1 3/4		227			
7	1 3/4	17			017	
7	1 3/4			4307		
7	1 3/4		15 5/8	1307	015 5/8	
7	1 3/4			1317		
7	1 3/4	19	139	5307		
7	1 3/4	65 1/2			065 1/2	
7	1 3/4	65			065	
7 1/2	1 3/4	110	110	107	0110	
7 1/2	1 3/4	120	120		0120	
7 1/2	1 3/4	220	227	207	0220	
7 1/2	2					16 1.10
7 1/2	2					19 1.40
7 1/2	2					25 1.60
7 1/2	2					35 2.00
7 3/4	1 3/4			227		
8	1 3/4	130	137		0130	

Adjustable Wood Planes.

Company, Ltd. London.

Over 1000
Plans & Co.
Patented in U.S.A.
London, England.

Inches	Current Price	A. & E. Co. No.	L. Mfg. Co. No.	S. & S. Co. No.	C. T. Co. No.
7	1	11	22	3407	031
8	1	12	23	3408	012
8	1	13	24	3410	024
8	1	14	25	3409	033
9	1	15	26	3411	035
10	1	16	27	3412	013
10	1	17	28	3413	030
11	1	18	29	3414	027
12	1	19	30	3415	028
12	1	20	31	3416	017
12	1	21	32	3417	027
13	1	22	33	3418	028
14	1	23	34	3419	019
14	1	24	35	3420	029
15	1	25	36	3421	030
15	1	26	37	3422	031
16	1	27	38	3423	032
16	1	28	39	3424	033
17	1	29	40	3425	034
18	1	30	41	3426	035
18	1	31	42	3427	036
19	1	32	43	3428	037
20	1	33	44	3429	038
20	1	34	45	3430	039
21	1	35	46	3431	040
22	1	36	47	3432	041
22	1	37	48	3433	042
23	1	38	49	3434	043
24	1	39	50	3435	044
24	1	40	51	3436	045
25	1	41	52	3437	046
26	1	42	53	3438	047
26	1	43	54	3439	048
27	1	44	55	3440	049
28	1	45	56	3441	050
28	1	46	57	3442	051
29	1	47	58	3443	052
30	1	48	59	3444	053
30	1	49	60	3445	054
31	1	50	61	3446	055
32	1	51	62	3447	056
32	1	52	63	3448	057
33	1	53	64	3449	058
34	1	54	65	3450	059
34	1	55	66	3451	060
35	1	56	67	3452	061
36	1	57	68	3453	062
36	1	58	69	3454	063
37	1	59	70	3455	064
38	1	60	71	3456	065
38	1	61	72	3457	066
39	1	62	73	3458	067
40	1	63	74	3459	068
40	1	64	75	3460	069
41	1	65	76	3461	070
42	1	66	77	3462	071
42	1	67	78	3463	072
43	1	68	79	3464	073
44	1	69	80	3465	074
44	1	70	81	3466	075
45	1	71	82	3467	076
46	1	72	83	3468	077
46	1	73	84	3469	078
47	1	74	85	3470	079
48	1	75	86	3471	080
48	1	76	87	3472	081
49	1	77	88	3473	082
50	1	78	89	3474	083
50	1	79	90	3475	084
51	1	80	91	3476	085
52	1	81	92	3477	086
52	1	82	93	3478	087
53	1	83	94	3479	088
54	1	84	95	3480	089
54	1	85	96	3481	090
55	1	86	97	3482	091
56	1	87	98	3483	092
56	1	88	99	3484	093
57	1	89	100	3485	094

Wood Bench Plane Irons.

Inches	Current Price	A. & E. Co. No.	L. Mfg. Co. No.	S. & S. Co. No.	C. T. Co. No.
3	1	1	1	3401	001
4	1	2	2	3402	002
4	1	3	3	3403	003
5	1	4	4	3404	004
5	1	5	5	3405	005
6	1	6	6	3406	006
6	1	7	7	3407	007
7	1	8	8	3408	008
7	1	9	9	3409	009
8	1	10	10	3410	010
8	1	11	11	3411	011
9	1	12	12	3412	012
9	1	13	13	3413	013
10	1	14	14	3414	014
10	1	15	15	3415	015
11	1	16	16	3416	016
11	1	17	17	3417	017
12	1	18	18	3418	018
12	1	19	19	3419	019
13	1	20	20	3420	020
13	1	21	21	3421	021
14	1	22	22	3422	022
14	1	23	23	3423	023
15	1	24	24	3424	024
15	1	25	25	3425	025
16	1	26	26	3426	026
16	1	27	27	3427	027
17	1	28	28	3428	028
17	1	29	29	3429	029
18	1	30	30	3430	030
18	1	31	31	3431	031
19	1	32	32	3432	032
19	1	33	33	3433	033
20	1	34	34	3434	034
20	1	35	35	3435	035
21	1	36	36	3436	036
21	1	37	37	3437	037
22	1	38	38	3438	038
22	1	39	39	3439	039
23	1	40	40	3440	040
23	1	41	41	3441	041
24	1	42	42	3442	042
24	1	43	43	3443	043
25	1	44	44	3444	044
25	1	45	45	3445	045
26	1	46	46	3446	046
26	1	47	47	3447	047
27	1	48	48	3448	048
27	1	49	49	3449	049
28	1	50	50	3450	050
28	1	51	51	3451	051
29	1	52	52	3452	052
29	1	53	53	3453	053
30	1	54	54	3454	054
30	1	55	55	3455	055
31	1	56	56	3456	056
31	1	57	57	3457	057
32	1	58	58	3458	058
32	1	59	59	3459	059
33	1	60	60	3460	060
33	1	61	61	3461	061
34	1	62	62	3462	062
34	1	63	63	3463	063
35	1	64	64	3464	064
35	1	65	65	3465	065
36	1	66	66	3466	066
36	1	67	67	3467	067
37	1	68	68	3468	068
37	1	69	69	3469	069
38	1	70	70	3470	070
38	1	71	71	3471	071
39	1	72	72	3472	072
39	1	73	73	3473	073
40	1	74	74	3474	074
40	1	75	75	3475	075
41	1	76	76	3476	076
41	1	77	77	3477	077
42	1	78	78	3478	078
42	1	79	79	3479	079
43	1	80	80	3480	080
43	1	81	81	3481	081
44	1	82	82	3482	082
44	1	83	83	3483	083
45	1	84	84	3484	084
45	1	85	85	3485	085
46	1	86	86	3486	086
46	1	87	87	3487	087
47	1	88	88	3488	088
47	1	89	89	3489	089
48	1	90	90	3490	090
48	1	91	91	3491	091
49	1	92	92	3492	092
49	1	93	93	3493	093
50	1	94	94	3494	094
50	1	95	95	3495	095
51	1	96	96	3496	096
51	1	97	97	3497	097
52	1	98	98	3498	098
52	1	99	99	3499	099
53	1	100	100	3500	100

Metallic Garden Rakes.

Inches	Current Price	A. & E. Co. No.	L. Mfg. Co. No.	S. & S. Co. No.	C. T. Co. No.
10	1	1	1	3501	001
10	1	2	2	3502	002
10	1	3	3	3503	003
10	1	4	4	3504	004
10	1	5	5	3505	005
10	1	6	6	3506	006
10	1	7	7	3507	007
10	1	8	8	3508	008
10	1	9	9	3509	009
10	1	10	10	3510	010
10	1	11	11	3511	011
10	1	12	12	3512	012
10	1	13	13	3513	013
10	1	14	14	3514	014
10	1	15	15	3515	015
10	1	16	16	3516	016
10	1	17	17	3517	017
10	1	18	18	3518	018
10	1	19	19	3519	019
10	1	20	20	3520	020
10	1	21	21	3521	021
10	1	22	22	3522	022
10	1	23	23	3523	023
10	1	24	24	3524	024
10	1	25	25	3525	025
10	1	26	26	3526	026
10	1	27	27	3527	027
10	1	28	28	3528	028
10	1	29	29	3529	029
10	1	30	30	3530	030
10	1	31	31	3531	031
10	1	32	32	3532	032
10	1	33	33	3533	033
10	1	34	34	3534	034
10	1	35	35	3535	035
10	1	36	36	3536	036
10	1	37	37	3537	037
10	1	38	38	3538	038
10	1	39	39	3539	039
10	1	40	40	3540	040
10	1	41	41	3541	041
10	1	42	42	3542	042
10	1	43	43	3543	043
10	1	44	44	3544	044
10	1	45	45	3545	045
10	1	46	46	3546	046
10	1	47	47	3547	047
10	1	48	48	3548	048
10	1	49	49	3549	049
10	1	50	50	3550	050
10	1	51	51	3551	051
10	1	52	52	3552	052
10	1	53	53	3553	053
10	1	54	54	3554	054
10	1	55	55	3555	055
10	1	56	56	3556	056
10	1	57	57	3557	057
10	1	58	58	3558	058
10	1	59	59	3559	059
10	1	60	60	3560	060
10	1	61	61	3561	061
10	1	62	62	3562	062
10	1	63	63	3563	063
10	1	64	64	3564	064
10	1	65	65	3565	065
10	1	66	66	3566	066
10	1	67	67	3567	067
10	1	68	68	3568	068
10	1	69	69	3569	069
10	1	70	70	3570	070
10	1	71	71	3571	071
10	1	72	72	3572	072
10	1	73	73	3573	073
10	1	74	74	3574	074
10	1	75	75	3575	075
10	1	76	76	3576	076
10	1	77	77	3577	077
10	1	78	78	3578	078
10	1	79	79	3579	079
10	1	80	80	3580	080
10	1	81	81	3581	081
10	1	82	82	3582	082
10	1	83	83	3583	083
10	1	84	84	3584	084
10	1	85	85	3585	085
10	1	86	86	3586	086
10	1	87	87	3587	087
10	1	88	88	3588	088
10	1	89	89	3589	089
10	1	90	90	3590	090
10	1	91	91	3591	091
10	1	92	92	3592	092
10	1	93	93	3593	093
10	1	94	94	3594	094
10	1	95	95	3595	095
10	1	96	96	3596	096
10	1	97	97	3597	097
10	1	98	98	3598	098
10	1	99	99	3599	099
10	1	100	100	3600	100

Adjustable Wood Planes.

Comparative List. July, 1904.

Ohio Tool Co.
Sargent & Co.
Stanley Rule & Level Co.
Union Mfg. Co.

Smooth.

Length Inches	Cutter Inches	S. R. & L. Co. No.	U. Mfg. Co. No.	S. & Co. No.	O. T. Co. No.				
7	1¾	21	\$1.35	21	\$2.00	3407	\$2.00	021	\$2.00
8	1¾	122	1.00	----	----	----	----	0122	1.50
8	1¾	22	1.35	22	2.00	3408	2.00	022	2.00
8	2	24	1.35	24	2.00	3410	2.00	024	2.00
9	1¾	23	1.35	23	2.00	3409	2.00	023	2.00
9	2	35	1.70	35	2.50	3411	2.50	035	2.50
10	2½	135	1.35	----	----	----	----	0135	2.00
10	2¾	36	1.85	36	2.75	3412	2.75	036	2.75
13	2¾	37	2.00	37 ^A	3.00	----	----	037	3.00

Jack

15	2	26	\$1.50	26	\$2.25	3415	\$2.25	026	\$2.25
15	2½	127	1.35	---	---	---	---	0127	2.00
15	2½	27	1.70	27	2.50	3416	2.50	027	2.50
15	2¾	27½	1.70	---	---	---	---	027½	2.50

Fore

18	2¾	28	\$1.85	28	\$2.75	3418	\$2.75	028	\$2.75
20	2¾	129	1.50	---	---	---	---	0129	2.25
20	2¾	29	1.85	29	2.75	3420	2.75	029	2.75

Jointer

22	2¾	30	\$2.00	30	\$3.00	3422	\$3.00	030	\$3.00
24	2¾	31	2.00	31	3.00	3424	3.00	031	3.00
26	2¾	132	1.70	---	---	---	---	0132	2.50
26	2¾	32	2.20	32	3.25	3426	3.25	032	3.25
28	2¾	33	2.20	33	3.25	3428	3.25	033	3.25
30	2¾	34	2.35	34	3.50	3430	3.50	034	3.50

Block

9½	1¾	25	\$1.35	---	---	---	---	025	\$2.00
----	----	----	--------	-----	-----	-----	-----	-----	--------

Wood Bench Plane Irons.

List Jan., 1896.
Per Doz.

Inches.	1½	1¾	1¾	1¾	2	2½	2½	2¾	2½	2¾	2¾	3
Single or Cut.	\$2.25	2.25	2.25	2.38	2.50	2.63	2.88	3.13	3.38	3.63	4.00	5.00
Double	3.75	3.75	4.00	4.00	4.13	4.25	4.50	4.75	5.25	5.50	6.50	7.50
Single or Cut, assorted, 2 to 2½ inch												\$3.00
Double, " 2 to 2½ "												4.50

Malleable Garden Rakes.

Straight Teeth--	8	10	12	14	16
Single Shank ---	\$5.00	5.50	6.00	6.50	7.00
Braced Shank --	5.50	6.00	6.50	7.00	7.50

Bull Rings. Per Doz.

Inch, 2 2½ 3			
Steel....	\$4.50	\$5.00	\$5.25
Copper..	6.00	7.00	8.00

Registers, Black Janned.

List July 1, 1903.
Price each.

Size of Opening.	Register.	Register Face.	Floor Border.	Size of Opening.	Register.	Register Face.	Floor Border.
4½ x 6½	1.40	0.55	1.15	12 x 17	6.35	3.80	3.80
4 x 8	1.50	0.60	1.15	12 x 18	6.80	3.90	3.90
4 x 10	1.55	0.75	1.15	12 x 19	7.50	4.00	4.00
4 x 12	1.80	0.95	1.35	12 x 20	9.00	4.50	4.50
4 x 13	2.50	1.10	1.75	12 x 21	12.25	5.50	5.50
4 x 15	3.00	1.20	1.90	12 x 30	20.00	8.20	8.20
4 x 18	4.00	1.30	2.75	12 x 32	24.50	9.75	9.75
4 x 21	5.00	2.25	3.15	12 x 36	26.75	10.25	10.25
4 x 24	6.00	2.75	3.75	12 x 40	35.00	15.50	15.50
5 x 8	1.55	0.90	1.15	14 x 14	7.90	4.05	4.05
5 x 9	1.55	1.00	1.20	14 x 15	8.25	4.20	4.20
5 x 10	1.60	1.05	1.20	14 x 16	8.50	4.30	4.30
5 x 11	1.75	1.10	1.30	14 x 18	9.00	4.50	4.50
5 x 12	1.80	1.20	1.40	14 x 20	9.50	4.80	4.80
5 x 13	2.60	1.35	1.80	14 x 22	10.50	5.00	5.00
5 x 14	2.80	1.50	1.90	14 x 24	14.90	6.90	6.90
5 x 15	3.60	1.65	2.00	14 x 28	46.00	20.00	20.00
5 x 16	3.90	1.80	2.60	15 x 15	10.00	4.90	4.90
5 x 17	4.20	2.00	2.70	15 x 21	12.50	6.20	6.20
5 x 18	5.25	2.10	3.20	15 x 25	17.50	7.10	7.10
6 x 6	1.50	0.90	1.15	15 x 30	27.50	10.75	10.75
6 x 8	1.55	1.00	1.15	15 x 34	31.75	13.75	13.75
6 x 9	1.60	1.05	1.20	16 x 16	11.00	5.10	5.10
6 x 10	1.60	1.05	1.20	16 x 18	12.00	5.30	5.30
6 x 12	1.85	1.25	1.45	16 x 20	12.35	6.10	6.10
6 x 14	2.85	1.65	1.90	16 x 22	14.75	6.70	6.70
6 x 16	4.00	2.00	2.70	16 x 24	15.00	7.00	7.00
6 x 18	5.20	2.25	3.25	16 x 28	24.60	10.00	10.00
6 x 20	6.00	2.50	3.50	16 x 30	27.90	11.00	11.00
6 x 22	7.00	3.00	3.95	16 x 32	31.00	13.10	13.10
6 x 24	8.00	3.70	4.50	16 x 36	36.00	16.00	16.00
6 x 28	9.50	4.25	5.40	18 x 18	18.50	7.20	7.20
6 x 30	11.50	4.75	6.00	18 x 20	19.50	7.60	7.60
6 x 32	13.00	5.25	6.50	18 x 21	20.50	7.75	7.75
7 x 7	1.55	1.00	1.20	18 x 24	21.50	8.35	8.35
7 x 10	1.65	1.10	1.25	18 x 27	27.50	10.75	10.75
7 x 12	1.90	1.25	1.50	18 x 30	31.25	13.25	13.25
7 x 14	2.95	1.90	1.90	18 x 36	38.00	17.25	17.25
7 x 15	3.75	2.55	2.25	20 x 20	19.75	8.00	8.00
8 x 8	1.60	1.05	1.20	20 x 22	21.60	8.40	8.40
8 x 10	1.65	1.10	1.25	20 x 24	22.00	8.60	8.60
8 x 12	1.90	1.30	1.50	20 x 26	23.50	9.50	9.50
8 x 13	2.75	1.85	1.85	20 x 28	28.90	11.50	11.50
8 x 14	3.00	2.00	2.00	20 x 30	33.50	13.50	13.50
8 x 15	3.80	2.60	2.60	20 x 32	37.50	17.10	17.10
8 x 16	4.50	2.70	2.70	20 x 36	43.00	18.50	18.50
8 x 18	6.60	3.50	3.50	21 x 21	24.50	9.75	9.75
8 x 20	8.70	3.90	3.90	21 x 25	28.00	11.10	11.10
8 x 21	9.00	4.00	4.00	21 x 29	29.00	11.60	11.60
8 x 24	11.25	4.70	4.70	21 x 33	42.00	17.90	17.90
8 x 27	13.60	5.40	5.40	21 x 37	49.00	21.50	21.50
8 x 30	14.70	6.30	6.30	21 x 39	54.00	24.90	24.90
9 x 9	2.00	1.40	1.60	22 x 22	28.50	11.40	11.40
9 x 12	2.10	1.45	1.65	22 x 24	29.50	11.80	11.80
9 x 13	2.95	2.00	2.00	22 x 26	31.00	13.10	13.10
9 x 14	3.10	2.15	2.15	22 x 28	33.90	13.90	13.90
9 x 15	3.95	2.65	2.65	22 x 30	36.00	16.00	16.00
9 x 16	4.70	2.70	2.70	22 x 32	42.00	17.50	17.50
9 x 17	5.95	3.25	3.25	22 x 36	47.50	20.50	20.50
9 x 18	6.65	3.60	3.30	22 x 38	52.00	22.50	22.50
9 x 19	7.40	3.95	3.95	22 x 42	64.00	27.00	27.00
9 x 20	8.75	4.30	4.30	24 x 24	30.00	12.00	12.00
9 x 22	10.35	4.50	4.50	24 x 27	33.95	14.00	14.00
9 x 24	12.00	5.30	5.30	24 x 30	38.00	17.25	17.25
9 x 25	14.25	6.00	6.00	24 x 32	42.50	18.00	18.00
9 x 26	15.25	6.35	6.25	24 x 36	50.00	22.00	22.00
9 x 28	16.35	6.80	6.50	24 x 45	67.50	28.50	28.50
9 x 30	17.50	7.10	7.10	27 x 27	37.25	17.00	17.00
10 x 10	2.35	1.65	1.70	27 x 38	56.00	25.00	25.00
10 x 12	2.40	1.70	1.75	28 x 28	44.00	19.00	19.00
10 x 14	3.15	2.20	2.20	28 x 30	48.50	21.00	21.00
10 x 16	4.85	2.95	2.95	28 x 32	53.00	24.50	24.50
10 x 18	6.70	3.70	3.70	28 x 36	64.00	27.00	27.00
10 x 20	8.90	4.35	4.35	30 x 30	49.00	21.50	21.50
10 x 22	10.40	4.90	4.90	30 x 36	67.50	28.50	28.50
10 x 24	12.15	5.35	5.35	30 x 42	77.50	33.00	29.00
10 x 30	19.50	8.00	8.00	30 x 48	95.00	39.00	31.00
11 x 17	6.30	3.70	3.70	36 x 36	80.00	35.00	29.50
11 x 18	6.75	3.95	3.95	36 x 40	105.00	44.00	32.10
11 x 20	8.95	4.45	4.45	36 x 42	112.00	46.00	34.00
12 x 12	4.00	2.70	2.70	36 x 48	132.00	54.00	40.00
12 x 14	4.35	2.80	2.80	38 x 38	100.00	43.50	32.00
12 x 15	4.50	2.90	2.90	38 x 40	112.00	46.00	34.00
12 x 16	5.60	3.50	3.50	38 x 42	120.00	50.00	36.00

Ventilators for Cords 50 cents list extra on all sizes up to 14 x 14, and \$1.00 list extra on all sizes above.

Extra Heavy Faces 50 per cent. advance upon the ordinary faces.

Registers, White Japanned.

List July 1, 1903.
Price each.

Size of Opening.	Register Face.	Wall Frames. 2 in. deep.	4 in. deep.	Size of Opening.	Register Face.	Wall Frames. 2 in. deep.	4 in. deep.
4½ x 6½	1.70	.85	.80	12 x 17	7.60	5.05	2.50
4 x 8	1.80	.90	.90	12 x 18	8.15	5.25	2.60
4 x 10	1.90	1.10	1.00	12 x 19	9.00	5.50	2.65
4 x 12	2.20	1.35	1.20	12 x 20	10.80	6.30	2.70
4 x 13	3.00	1.50	1.25	12 x 24	13.50	6.75	3.00
4 x 15	3.60	1.80	1.40	12 x 30	22.00	10.20	3.50
4 x 18	4.65	1.95	1.60	12 x 32	26.95	12.20	3.70
4 x 21	6.00	3.25	1.80	12 x 36	29.40	12.90	4.00
4 x 24	7.00	3.75	2.00	12 x 40	38.50	19.00	4.70
5 x 8	1.90	1.25	.90	14 x 14	9.45	5.60	2.60
5 x 9	1.90	1.30	1.00	14 x 15	9.90	5.85	2.70
5 x 10	1.95	1.40	1.10	14 x 16	10.20	6.00	2.80
5 x 11	2.15	1.50	1.20	14 x 18	10.80	6.30	3.00
5 x 12	2.25	1.60	1.25	14 x 20	11.25	6.40	3.10
5 x 13	3.10	1.85	1.30	14 x 22	12.00	6.50	3.30
5 x 14	3.40	2.00	1.40	14 x 24	16.40	8.40	---
5 x 15	4.30	2.35	1.45	14 x 48	50.60	24.60	---
5 x 16	4.65	2.55	1.50	15 x 15	11.25	6.15	---
5 x 17	5.00	2.80	1.60	15 x 21	13.75	7.45	---
5 x 18	6.20	3.15	1.70	15 x 25	19.25	8.85	5.50
6 x 6	1.80	1.20	.90	15 x 30	30.25	13.20	---
6 x 8	1.85	1.30	1.00	15 x 34	34.90	16.90	---
6 x 9	1.90	1.35	1.10	16 x 16	12.20	6.20	4.40
6 x 10	1.95	1.40	1.20	16 x 18	13.20	6.50	4.70
6 x 12	2.25	1.60	1.30	16 x 20	13.60	7.35	5.00
6 x 14	3.45	2.10	1.40	16 x 22	16.20	8.15	5.30
6 x 16	4.80	2.80	1.60	16 x 24	16.50	8.50	5.50
6 x 18	6.25	3.30	1.70	16 x 28	27.05	12.45	6.10
6 x 20	7.20	3.70	1.90	16 x 30	30.70	13.80	---
6 x 22	8.40	4.40	2.00	16 x 32	34.10	16.20	6.70
6 x 24	9.60	5.30	2.20	16 x 36	39.60	19.60	---
6 x 28	11.00	5.75	2.50	18 x 18	20.35	9.05	5.20
6 x 30	13.00	6.25	2.60	18 x 20	21.45	9.55	5.50
6 x 32	14.25	6.50	2.70	18 x 21	22.55	9.80	5.60
7 x 7	1.90	1.35	1.00	18 x 24	23.65	10.50	6.00
7 x 10	2.00	1.40	1.20	18 x 27	30.25	13.50	6.40
7 x 12	2.30	1.65	1.30	18 x 30	34.35	16.35	6.80
7 x 14	3.55	2.50	1.50	18 x 36	41.80	21.05	7.80
7 x 15	4.50	3.30	1.55	20 x 20	21.75	10.00	5.90
8 x 8	1.95	1.40	1.10	20 x 22	23.75	10.55	6.30
8 x 10	2.00	1.45	1.30	20 x 24	24.20	10.80	6.60
8 x 12	2.30	1.70	1.40	20 x 26	25.85	11.85	6.90
8 x 13	3.30	2.40	1.50	20 x 28	31.80	14.40	7.10
8 x 14	3.60	2.60	1.55	20 x 30	36.85	16.85	7.50
8 x 15	4.55	3.35	1.60	20 x 32	41.25	20.85	7.70
8 x 16	5.40	3.60	1.70	20 x 36	47.30	22.80	8.50
8 x 18	7.90	4.80	1.80	21 x 21	26.95	12.20	---
8 x 20	10.40	5.60	1.90	21 x 25	30.80	13.90	---
8 x 21	10.80	5.80	2.00	21 x 29	31.90	14.50	7.70
8 x 24	12.40	6.00	2.30	21 x 33	46.20	22.10	---
8 x 27	15.00	6.80	2.50	21 x 37	53.90	26.40	8.90
8 x 30	16.00	7.90	2.70	21 x 39	59.40	30.30	---
9 x 9	2.40	1.80	1.30	22 x 22	31.35	14.25	---
9 x 12	2.55	1.90	1.50	22 x 24	32.45	14.75	---
9 x 13	3.55	2.55	1.60	22 x 26	34.10	16.20	---
9 x 14	3.70	2.75	1.70	22 x 28	37.30	17.30	---
9 x 15	4.75	3.45	1.75	22 x 30	39.60	19.60	---
9 x 16	5.65	3.65	1.80	22 x 32	46.20	21.70	---
9 x 17	7.15	4.65	1.90	22 x 36	52.25	25.25	---
9 x 18	8.00	4.95	2.00	22 x 38	57.20	27.70	---
9 x 19	8.90	5.40	2.05	22 x 42	70.40	33.40	---
9 x 20	10.25	5.65	2.10	24 x 24	33.00	15.00	7.20
9 x 22	11.50	6.15	2.20	24 x 27	37.35	17.40	7.80
9 x 24	13.20	6.50	2.40	24 x 30	41.80	21.05	8.10
9 x 25	15.65	7.40	2.50	24 x 32	46.75	22.25	8.60
9 x 26	16.75	7.85	2.55	24 x 36	55.00	27.00	9.10
9 x 28	18.00	8.45	2.70	24 x 45	74.25	35.25	10.50
9 x 30	19.25	8.85	2.80	27 x 27	40.95	20.70	8.10
10 x 10	2.85	2.15	1.50	27 x 38	61.60	30.60	9.90
10 x 12	2.90	2.20	1.70	28 x 28	48.40	32.40	---
10 x 14	3.80	2.85	1.80	28 x 30	53.35	25.85	---
10 x 16	5.85	3.95	2.00	28 x 32	58.30	29.80	---
10 x 18	8.05	5.05	2.10	28 x 36	70.40	33.40	---
10 x 20	10.50	5.75	2.30	30 x 30	58.90	26.40	9.00
10 x 22	12.00	6.25	2.50	30 x 36	74.25	35.25	10.00
10 x 24	13.40	6.60	2.60	30 x 42	85.25	40.75	---
10 x 30	21.45	9.95	3.00	30 x 48	104.50	48.50	---
11 x 17	7.55	4.95	2.30	36 x 36	88.00	43.00	11.00
11 x 18	8.10	5.30	2.35	36 x 40	115.50	54.50	---
11 x 20	10.75	6.25	2.50	36 x 42	123.20	57.20	---
12 x 12	4.80	3.50	2.00	36 x 48	145.20	67.20	---
12 x 14	5.25	3.65	2.20	38 x 38	110.00	53.50	---
12 x 15	5.40	3.80	2.30	38 x 40	123.20	57.20	---
12 x 16	6.70	4.60	2.40	38 x 42	132.00	62.00	---

Ventilators for Cords 50 cents list extra on all sizes up to 14 x 14, and \$1.00 list extra on all sizes above.

Wood Pumps, Tubing, Etc.

List Nov. 1, 1899.
Price each.*Farm, Cistern, etc.*

		Unlined.	Porcelain Lined.	Brass Lined.
5 x 5,	6 ft. long,	\$4.50	\$6.00	\$7.00
5 x 5,	7 "	4.75	6.25	7.25
5 x 5,	6 "	5.50	7.00	8.00
6 x 6,	7 "	6.00	7.50	8.50
6 x 6,	8 "	6.50	8.00	9.00
6 x 6,	10 "	7.50	9.00	10.00
6 x 6,	12 "	8.50	10.00	11.00
6 x 6,	14 "	9.75	11.25	12.25
7 x 7,	6 "	7.00	8.75	9.75
7 x 7,	7 "	7.75	9.50	10.50
7 x 7,	8 "	8.50	10.00	11.00
7 x 7,	10 "	9.50	11.25	12.25
7 x 7,	12 "	10.75	12.50	13.50

Drive Well.

6 x 6,	6 feet with Iron Cylinder	---\$7.50
6 x 6,	7 " " " " " "	--- 8.00
6 x 6,	8 " " " " " "	--- 8.50

Wood Tubing.

5 x 5,	per ft.	-----\$0.35
4 x 4,	per ft., 12 ft. and under	----- .17
4 x 4,	per ft., over 12 ft.	----- .19
3½ x 3½,	per ft., 12 ft. and under	----- .13
3½ x 3½,	per ft., over 12 ft.	----- .14

Couplings.

Couplings,	with bands 4x4, each	-----\$0.50
Couplings,	with bands 3½x3½, each	----- .40

Cylinders.

Ex. Cylinder,	per ft., 6x6,	
	random length	-----\$0.40
Porcelain Cylinder	in Block	----- 2.60
Brass Cylinder	in Block	----- 3.60
Porcelain Cylinder,	3 in	----- 2.00
Porcelain Cylinder,	3½ in	----- 2.00
Porcelain Cylinder,	4 in	----- 2.00
Porcelain Cylinder,	5 in	----- 2.50

Tinners' Iron Rivets in Papers.

List Jan. 8, 1904. Price per paper.

Flat Heads.

	Papers of 1000 each.		
	Black.	Metallic Tinned.	Tin Plated.
8 ounces	---\$0.20	\$0.28	\$0.24
10 " "	--- .22	.31	.27
12 " "	--- .24	.35	.30
14 " "	--- .26	.39	.33
1 pound	--- .27	.42	.35
1¼ " "	--- .29	.48	.39
1½ " "	--- .33	.55	.45
1¾ " "	--- .37	.64	.51
2 " "	--- .42	.72	.58
2½ " "	--- .55	.83	.75
3 " "	--- .60	1.05	.84
3½ " "	--- .70	1.22	.98
4 " "	--- .76	1.36	1.08
5 " "	--- .90	1.65	1.30
6 " "	--- 1.08	1.98	1.56
7 " "	--- 1.26	2.31	1.82
8 " "	--- 1.44	2.64	2.08
9 " "	--- 1.53	2.88	2.25
10 " "	--- 1.75	3.25	2.55
12 " "	--- 1.98	3.76	2.92
14 " "	--- 2.31	4.41	3.43
16 " "	--- 2.64	5.04	3.92

Oval or countersunk heads, shoulder and pointed, or extra lengths, add 10 cents per 1000 to list price for each specialty.

Tinners' Iron Rivets in Bulk.

List Jan. 8, 1904. Price per pound.

Flat Head. Black.

8 ounces	---\$0.42	3½ pound	---\$0.23
10 " "	--- 38	4 " "	--- 22
12 " "	--- 35	5 " "	--- 22
14 " "	--- 33	6 " "	--- 21
1 pound	--- 30	7 " "	--- 21
1¼ " "	--- 27	8 " "	--- 21
1½ " "	--- 26	9 " "	--- 21
1¾ " "	--- 25	10 " "	--- 20
2 " "	--- 24	12 " "	--- 19½
2½ " "	--- 24	14 " "	--- 19½
3 " "	--- 23	16 " "	--- 19½

For Oval Head and Shoulder or extra length Rivets, add 2 cents per pound to list price for each specialty. For Tin or Copper Plated, add 1 cent per pound to net price. For Metallic Tinning, add 2½ cents per pound to net price. For 25 and 50 pound boxes, deduct 2 cents, and for 100 and 200 pound kegs, deduct 4 cents per pound from list price.

Rivet Sets.

Nos.	Each.
00 and 0	---\$0.75
1 and 2	--- .63
3 and 4	--- .50
5 and 6	--- .37
7 and 8	--- .32

How Rivers in Bulk

By J. H. H. H.

The following is a list of the rivers in the United States which are navigable for commerce.

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How Rivers in Bulk

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How Rivers in Bulk

The following is a list of the rivers in the United States which are navigable for commerce.

Iron Rivets in Bulk.

List Jan. 8, 1904.
Cents per pound.

Any Style of Head.

Size	Length															
Wire.	1 & longer	¾	¾	¾	15-32	7-16	13-32	¾	11-32	5-16	9-32	¾	7-32	3-16	5-32	¾ 3-32
7-16	19	19½	19½	20	--	--	--	--	--	--	--	--	--	--	--	--
¾	19	19½	19½	20	21	--	--	--	--	--	--	--	--	--	--	--
11-32	19½	20	20	20½	21	21	--	--	--	--	--	--	--	--	--	--
5-16	19½	20	20	20½	21	22	22	22	--	--	--	--	--	--	--	--
1	20	20½	20½	21	22	23	23	23	23	--	--	--	--	--	--	--
2	20	20½	20½	21	22	23	23	23	23	24	--	--	--	--	--	--
3	20	20½	20½	21	22	23	23	23	23	24	24	24	--	--	--	--
¾	20	20½	20½	21	22	23	23	23	23	24	24	24	25	25	--	--
4	21	21½	21½	22	23	23	24	24	24	24	24	24	25	25	26	--
5	21	21½	21½	22	23	24	24	24	24	24	25	26	26	27	28	29
6	21	21½	21½	22	23	24	24	25	25	26	26	27	28	29	29	30
3-16	21	21½	21½	22	23	24	24	25	25	26	26	27	28	29	30	31
7	21	21½	22	23	24	24	24	25	25	26	26	27	28	29	30	31
8	22	22½	22½	23	24	25	25	26	26	27	27	28	29	30	31	32
9	23	23½	23½	24	25	26	26	27	27	29	29	29	30	31	33	36
10	24	24½	24½	25	26	27	28	29	31	33	34	34	36	39	41	44
11	25	25½	25½	26	28	30	32	33	34	36	37	37	39	43	46	51
12	26	26½	26½	27	30	32	34	35	36	38	40	41	42	47	51	56
13	30	30½	30½	31	33	36	39	40	41	43	45	46	47	51	56	61
14	32	32½	32½	33	36	41	44	46	51	56	58	61	64	64	66	71

Rivets made from smaller wire than No. 14, all lengths, list 80 cents per lb. — 3-32 diameter list price No. 13. — 7-32 diameter list price No. 5. — 5-32 diameter list price No. 8. — ¾ diameter list price No. 11. — 9-32 diameter list price No. 2.

EXTRAS—For Shoulder and Pointed Rivets, add 2 cents per lb. to list price for each specialty, excepting Pointed, Hame, Caster and Sucker Rod. Intermediate lengths and diameters take list price of nearest smallest size.

Iron Burrs.

List May 10, 1899.
Price per pound.

	Black.	Tin'd.	Cop'd or Tin Pltd.
¾	\$0.23	\$0.33	\$0.27
¾	23	33	27
5/16	23	33	27
1	23	33	27
2	23	33	27
3	23	33	27
¾	23	33	27
4	24	34	28
5	25	35	29
6	28	38	32
¾	28	38	32
7	30	40	34
8	33	43	37
9	34	44	38
10	35	45	39
11	36	46	40
12	42	52	46
13	42	53	46
14	45	55	49

Coopers' Rivets.

List Jan. 8, 1904.
Cents per pound.

1d	2d	3d	4d	5d	6d
21	20½	20	20	20	20

For Oval Head and Shoulder or extra length Rivets, add 2 cents per pound to list price for each specialty. For Tin or Copper Plated, add 1 cent per pound to net prices. For Metallic Tinning, add 2½ cents per pound to net price.

For 25 and 50 pound boxes, deduct 2 cents, and for 100 and 200 pound kegs, deduct 4 cents per pound from list price.

Hame Rivets.

List May 10, 1899.
Cents per pound.

½ inch and longer.	6 16	3-16 16	7 16½	8 17
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Block and Carriage Rivets.

List May 10, 1899.
Cents per paper.*In Papers of 100 Each.*

	Length												
	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
3-----	32	36	40	44	50	60	68	75	85	98	110	125	150
4-----	30	32	36	40	46	50	60	68	75	85	100	118	125
5-----	26	28	30	34	40	48	56	62	68	75	85	100	120
6-----	22	24	28	32	36	40	46	54	62	70	80	95	110
7-----	20	22	24	27	30	34	38	42	46	55	65	75	85
8-----	16	18	20	22	26	30	34	38	44	50	60	68	75

Copper Rivets and Burrs.

List July 1, 1898.
Cents per pound.

	Nos. 3 to 7 incl. 8										9	10	11	12	13	14	15
Uniform lengths, in bulk or in 1 lb. boxes-----	49	50	52	54	56	58	60	65	70								
Uniform lengths, in ½ lb. or ¾ lb. boxes-----	52	53	55	57	59	61	63	68	73								
Uniform lengths, in ¼ lb. boxes-----	55	56	58	60	62	64	66	71	76								
Assorted lengths, ⅜ to ¾ in., in 1 lb. boxes-----	52	53	55	57	59	61	63	68	73								
Assorted lengths, ⅜ to ¾ in., in ½ or ¾ lb. boxes-----	55	56	58	60	62	64	66	71	76								
Assorted lengths, ⅜ to ¾ in., in ¼ lb. boxes, 3 lb. cartons-----	57	58	60	62	64	66	68	73	78								

Belt Rivets and Burrs.

List Jan. 8, 1904.
Cents per pound.

Size Wire-----	7	8	9	10	11	12	13	14
UNIFORM LENGTHS.								
<i>Black.</i>								
1 pound Boxes-----	27	28	29	31	33	37	40	43
$\frac{1}{2}$ pound Boxes-----	31	32	33	35	37	41	44	47
UNIFORM LENGTHS.								
<i>Tin Plated or Copper Plated.</i>								
1 pound Boxes-----	35	36	37	39	41	45	48	51
$\frac{1}{2}$ pound Boxes-----	39	40	41	43	45	49	52	55
$\frac{1}{4}$ pound Boxes, Dozened....	43	44	45	47	49	53	56	59
ASSORTED LENGTHS, $\frac{3}{8}$ to $\frac{3}{4}$ in.								
1 pound Boxes-----	39	40	41	43	45	49	52	55
$\frac{1}{2}$ pound Boxes-----	43	44	45	47	49	53	56	59
$\frac{1}{4}$ pound Boxes, Dozened....	47	48	49	51	53	57	60	63

The price of Belt Rivets without Burrs is taken from the Rivet List, any style head. The price of Burrs without Rivets is taken from the Burr List.

High Brass Rods.

BROWN & SHARPE'S GAUGE STANDARD.

Not less than two feet lengths.

	Per Pound.
$\frac{1}{4}$ inch to 1 inch diameter, both inclusive.....	\$0.24
No. 8, and less than $\frac{1}{4}$ inch diameter.....	.26
Over 1 inch diameter.....	.27
Smaller than No. 8 to No. 11, inclusive.....	.30

Hexagon, Octagon and Square, 2 cents per pound advance over Round Rods.

*Rectangular, Half-round and fancy shapes, not less than 4 cents advance over Round Rods.

Rods less than two feet lengths, add to above prices for cutting.

<u>12 in. to 24 in.</u>	<u>9 in. to 12 in.</u>	<u>6 in. to 9 in.</u>	<u>4 in. to 6 in.</u>
2c.	3c.	4c.	5c.
	<u>2 in. to 4 in.</u>	<u>1 in. to 2 in.</u>	
	8c.	12c.	

Shorter than 1 inch, special.

Add to above for Gilding and Bronze Rods.....8c. per pound.
 " " Low Brass Rods4c. "

*Half Round and Rectangular Rods are measured the thinner way.

Smaller than No. 11, see Brass Wire List.

Rope.

Extra Cents per pound over Base price.

Manila Rope.

Tarred or Untarred.

inch diam. and larger	Base.
7-16 " " 12 Thread.....	$\frac{1}{2}$
3-8 " " 9 ".....	1
5-16 " " 6 ".....	1
1-4 " " 6 " fine.....	$1\frac{1}{2}$
3-16 " " 3 " ".....	2

Sisal Rope,

inch diam. and larger	Base.
7-16 " " 12 Thread.....	$\frac{1}{2}$
3-8 " " 9 ".....	1
5-16 " " 6 ".....	1
1-4 " " 6 " fine.....	$1\frac{1}{2}$
3-16 " " 3 " ".....	2

Manila Hay, Hide and Bale Rope.

Medium and Coarse	Base
Fine.....	$\frac{1}{2}$
Extra Fine.....	1
Laid.....	$\frac{1}{2}$
Uncoiled.....	1

Sisal Hay, Hide and Bale Rope.

Medium and Coarse	Base.
Fine.....	$\frac{1}{2}$
Extra Fine.....	1
Laid.....	$\frac{1}{2}$
Uncoiled.....	1

Wire Rope.

List July 1, 1899.

Standard Hoisting Rope.
19 Wires to the Strand.

No.	Diam.	Iron.	Per Foot—		
			Cast Steel.	Crucible Steel.	Plow Steel.
-----	2 3/4	\$1.70	2.10	2.55	3.00
-----	2 1/2	1.40	1.75	2.10	2.50
I	2 1/4	1.17	1.42	1.70	2.00
2	2	.92	1.11	1.34	1.56
3	1 3/4	.80	.93	1.15	1.35
4	1 5/8	.63	.74	.91	1.08
5	1 1/2	.57	.66	.80	.93
5 1/2	1 3/8	.48	.56	.67	.77
6	1 1/4	.40	.46	.55	.63
7	1 1/8	.33	.38	.45	.52
8	I	.26	.30	.36	.43
9	7/8	.20	.23	.28	.34
10	3/4	.16	.18	.22	.26
10 1/4	5/8	.12	.14	.16 1/2	.19
10 1/2	1/2	.10	.12	.14	.16
10 3/4	1/2	.08	.11	.12 1/2	.14
10a	7/8	.07 1/2	.10	.11 1/2	.13
10b	3/4	.07	.09 1/2	.11	.12 1/2
10c	5/8	.06 3/4	.09 1/4	.10 3/4	.12 1/4
10d	1/4	.06 1/2	.09	.10 1/2	.12

Transmission or Haulage Rope.
7 Wires to the Strand.

No.	Diam.	Iron.	Per Foot—		
			Cast Steel.	Crucible Steel.	Plow Steel.
II	1 1/2	\$0.51	.60	.75	.90
12	1 3/8	.43	.51	.64	.75
13	1 1/4	.36	.43	.53	.61
14	1 1/8	.29	.36	.44	.51
15	I	.23	.28	.34	.41
16	3/4	.17 1/2	.22	.26	.32
17	3/4	.14	.16	.20	.25
18	1 1/8	.12	.13 1/2	.17	.20
19	5/8	.10	.11	.14	.17
20	1/2	.08	.09	.11 1/2	.14
21	1/2	.06 1/2	.07 1/2	.09 1/2	.11
22	1/2	.05 1/2	.06 1/2	.07 1/4	.08
23	3/8	.04 1/2	.05 1/2	.06	.06 1/2
24	1/2	.03 3/4	.04 1/2	.05 1/2	.06
25	3/8	.03 1/4	.04	.05	.05 1/2

Galvanized Wire Rope.
7 or 12 Wires to the Strand.

Circumference.	Approx. Diam.	Per Foot—	
		7 Wires to Strand.	12 Wires to Strand.
5 1/2	1 3/4	\$0.44	.46
5 1/4	1 1/4	.41	.43
5	1 3/8	.38	.40
4 3/4	1 1/2	.35	.37
4 1/2	1 1/8	.31	.33
4 1/4	1 3/8	.27	.29
4	1 1/4	.24	.25
3 3/4	1 1/8	.21	.22
3 1/2	1 1/8	.18	.19
3 1/4	1 1/8	.16	.17

Galvanized Wire Rope—Continued

Circumference.	Approx. Diam.	Per Foot—	
		7 Wires to Strand.	12 Wires to Strand.
3	I	\$0.14	.15
2 3/4	7/8	.12	--
2 1/2	1 3/8	.10	--
2 1/4	3/4	.09	--
2	5/8	.08	--
1 3/4	9/16	.07	--
1 1/2	1/2	.06	--
1 1/4	7/16	.05	--
1 1/8	3/8	.04	--
I	5/16	.03 1/2	--
5 Strands, 7 Wires Each.			
7/8	9/32	.03	--
3/4	1/4	.02 1/2	--
5/8	7/32	.02 1/4	--
1/2	3/16	.02	--

Galvanized Cast Steel Yacht Rigging.

7 or 19 Wires to the Strand.

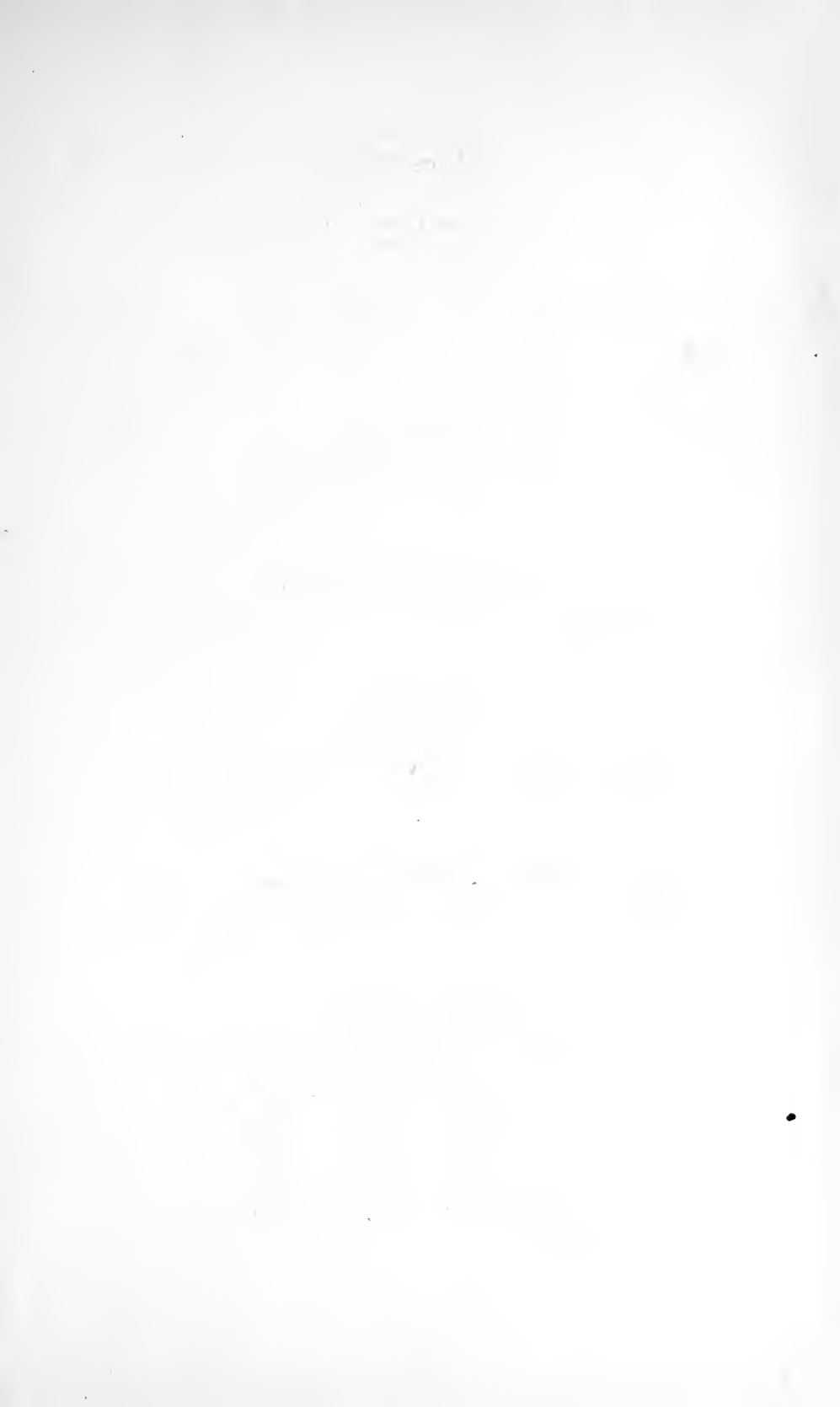
Circumference.	Approx. Diam.	Per Foot—	
		19 Wires to Strand.	7 Wires to Strand.
4	1 1/4	\$0.50	.48
3 3/4	1 3/8	.46	.44
3 1/2	1 1/8	.42	.40
3 1/4	1 1/8	.38	.36
3	I	.33	.31
2 3/4	7/8	.26	.25
2 1/2	1 3/8	.23	.21
2 1/4	3/4	.20	.18
2	5/8	.16	.12
1 3/4	9/16	.13 1/2	.10
1 1/2	1/2	.12	.08 1/2
1 1/8	1 3/32	.11 1/2	.08
1 1/4	7/16	.11	.07 1/2
1 1/8	3/8	.10 1/2	.06 1/4
I	5/16	.10	.05

Galvanized Steel Hawasers.

12 Wires to the Strand.

Circumference.	Approx. Diam.	Per Foot.
5 1/2	1 3/4	\$0.85
5 1/4	1 1/4	.72
5	1 3/8	.62
4 3/4	1 1/2	.56
4 1/2	1 1/8	.50
4 1/4	1 3/8	.45
4	1 1/4	.40
3 3/4	1 1/8	.36
3 1/2	1 1/8	.33
3 1/4	1 1/8	.30
3	I	.27
2 3/4	7/8	.23
2 1/2	1 3/8	.19
2 1/4	3/4	.15

See also following page.



Wire Rope.

See also preceding page.

Galvanized Flexible Running Rope.

12 Wires to the Strand.

Circumference.	Approx. Diam.	Per Foot—	
		Iron.	Cast Steel.
$3\frac{1}{4}$	$1\frac{1}{16}$	\$0.22	.30
3	1	.20	.27
$2\frac{3}{4}$	$\frac{7}{8}$	.17	.23
$2\frac{1}{2}$	$\frac{13}{16}$	.14 $\frac{1}{2}$	.19
$2\frac{1}{4}$	$\frac{3}{4}$	.11 $\frac{1}{2}$	.15
2	$\frac{5}{8}$	.09	.12
$1\frac{3}{4}$	$\frac{9}{16}$	.08	.10
$1\frac{1}{2}$	$\frac{1}{2}$	.07	.09
$1\frac{1}{4}$	$\frac{7}{16}$	.06 $\frac{1}{2}$	.08 $\frac{1}{2}$
$1\frac{1}{8}$	$\frac{3}{8}$	.06	.07 $\frac{3}{4}$
1	$\frac{5}{16}$	.05 $\frac{1}{2}$	.07

Galvanized Steel Strand.

Diameter----	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{5}{32}$	$\frac{1}{8}$	$\frac{3}{32}$
Per 100 feet--	\$3.15	2.50	2.00	1.60	1.15	.80	.60	.45	.35

Tiller Rope.

7 Wires to the Strand.

Diameter-----	1	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$
Iron---per ft.	\$0.33	.27	.22	.17	.14	.11	.10	.09	.08	.07 $\frac{1}{2}$
Cast Steel “	.43	.36	.30	.24	.19	.17	.15	.14	.12 $\frac{1}{2}$	.11

Galvanized Mast Iron Rope.

Diameter-----	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$
Per foot-----	\$0.05	.03 $\frac{1}{2}$	.02 $\frac{3}{4}$

Sash Cords.

6 Strands and a Cotton Center, 7 Wires to the Strand.

Per foot.

Diam.	Iron.	Tinned or gal. iron.	Copper.
$\frac{1}{4}$	\$0.03	.04	.09
$\frac{7}{32}$	.02 $\frac{3}{4}$	.03 $\frac{1}{2}$	.07 $\frac{1}{2}$
$\frac{3}{16}$	.02 $\frac{1}{4}$	.03	.06
$\frac{1}{8}$	.01 $\frac{3}{4}$	.02 $\frac{1}{4}$	.04 $\frac{1}{2}$
$\frac{3}{32}$	.01 $\frac{1}{2}$	.02	.03 $\frac{1}{2}$
$\frac{1}{16}$	.01 $\frac{1}{4}$	.01 $\frac{3}{4}$	.03

Annealed cords, same price as bright cords.

RULES.—Boxwood and Ivory.

Boxwood.

List Jan., 1902.

No.	Per Doz.	No.	Per Doz.	No.	Per Doz.
1	\$4.00	53	\$4.25	67 1/4	\$4.50
2	4.50	53 1/4	5.00	68	2.50
3	12.00	53 1/2	7.50	68 1/4	3.50
3 1/2	6.00	53 3/4	8.00	69	1.75
4	6.00	54	8.50	70	4.00
5	9.00	55	2.25	70 1/4	5.00
6	12.00	56	3.25	72	5.00
7	11.00	57	6.00	72 1/4	8.00
11	7.00	57 1/2	7.00	72 1/2	9.00
12	9.00	58	6.50	73	5.00
13	5.00	58 1/2	18.00	73 1/4	7.00
13 1/2	6.00	58 3/4	3.00	75	6.00
14	8.00	59	5.00	75 1/2	9.00
14 1/2	7.00	60	10.50	76	10.00
15	13.00	61	3.00	76 1/2	8.50
16	16.00	61 1/4	4.25	77	6.50
18	3.50	61 1/2	3.25	77 1/4	9.50
22	4.00	62	8.00	78	10.00
23	6.00	62 1/2	8.00	78 1/2	12.00
24	10.00	63	4.00	79	6.00
26	6.00	63 1/2	4.25	79 1/4	10.00
27	8.00	64	2.75	79 1/2	6.00
29	2.25	64 1/2	3.25	79 3/4	10.00
32	6.00	65	2.00	81	7.00
32 1/2	10.00	65 1/2	5.50	82	11.00
36	3.50	66	5.00	83	8.00
36 1/2	6.00	66 1/4	15.00	83 1/2	12.00
42	4.00	66 1/2	5.00	84	6.50
43	4.00	66 3/4	15.00	94	24.00
51	3.25	67	3.00		
52	7.00				

Ivory Rules.

No.	Per Doz.	No.	Per Doz.	No.	Per Doz.
38	\$15.00	86 1/2	\$96.00	92 1/2	\$14.00
39	38.00	87	80.00	94 1/2	84.00
39 1/2	48.00	88	32.00	95	102.00
40	44.00	88 1/2	21.00	95 1/2	112.00
40 1/4	30.00	89	92.00	95 3/4	120.00
40 1/2	24.00	90	10.00	97	116.00
40 3/4	22.00	90 1/2	12.00	98 1/2	4.50
85	54.00	91	23.00	99 1/2	24.00
85 1/2	96.00	91 1/2	28.00	99 3/4	48.00
86	64.00	92	17.00		

Miscellaneous Rules. Per doz.

Bench and Pattern Makers' Rules.

No.		
34	Bench Rule, 2 ft.-----	\$3.00
35	" " 2 ft., Board Measure Table-----	6.00
30	Pattern Makers' Shrinkage Rule, Boxwood, 24 $\frac{1}{4}$ inch-----	15.00
49 $\frac{1}{2}$	Forwarding Stick, Brass T Head, 5 ft.-----	24.00

Board Measures.

No.		
45 $\frac{3}{4}$	Board Stick, Octagon, 9 to 16 ft., 2 ft.-----	\$6.00
46	" " " Brass Caps, 8 to 23 ft., 2 ft.-----	8.00
46 $\frac{1}{2}$	" " Square, Brass Caps, 8 to 23 ft., 2 ft.-----	8.00
47	" " Octagon, Brass Caps, 8 to 23 ft., 3 ft.-----	12.00
47 $\frac{1}{2}$	" " Square, Brass Caps, 8 to 23 ft., 3 ft.-----	12.00
43 $\frac{1}{4}$	" " Flat, Brass Head, 3 ft.-----	9.00
43 $\frac{1}{2}$	" " Flat, Brass Head and Tip, 3 ft.-----	12.00
49	" " Flat, Steel Head, 3 ft.-----	26.00
48	Walking Cane, Board Measure, Octagon, Brass Head and Tip, 3 ft.-----	12.00

Log Measures.

No.		
48 $\frac{1}{2}$	Walking Cane, Log Measure, Octagon, Hickory, Brass Head and Tip, 3 ft.-----	\$15.00
48 $\frac{1}{4}$	Log Stick, Log Measure, Flat, Hickory, T Head, 3 ft.-----	12.00
48 $\frac{3}{4}$	" " Log Measure, Flat, T Head, 3 ft.-----	9.00
71	Wood Measure, Brass Caps, 4 ft.-----	8.00

Yard Sticks.

No.		
33	Yard Stick, Polished-----	\$2.00
33 $\frac{1}{2}$	" "-----	1.50
41	" " Brass Tipped, Polished-----	3.50
41 $\frac{1}{2}$	" " Brass Tipped, Polished, $\frac{1}{2}$ inch square-----	4.00
50	" " Hickory, Brass Capped ends, Polished-----	4.50

Saddlers' Rules.

No.		
80	Saddlers' Rule, Maple, Capped Ends, 8ths and 16ths of inches, 3 ft.	\$9.00

Wantage and Gauging Rods.

No.		
44	Wantage Rod, 8 Lines-----	\$5.00
37	" " 12 Lines-----	7.00
45	Gauging Rod, 120 gallons, 3 ft.-----	7.00
45 $\frac{1}{4}$	" " 4 ft.-----	8.00
45 $\frac{1}{2}$	" " 180 gallons, with Wantage Tables, 4 ft.-----	18.00

Hanger Screws

List May 21, 1902.
Per 100.

Length.	$\frac{1}{4}$ &	$\frac{3}{8}$	7-16	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
2	5-16	\$3.00	\$3.60	\$4.24	\$5.06	\$6.19	---	---
2 1/2	---	3.19	3.83	4.54	5.44	6.75	\$9.90	---
3	---	3.38	4.05	4.84	5.81	7.31	10.73	---
3 1/2	---	3.57	4.28	5.14	6.19	7.88	11.55	\$15.00
4	---	3.75	4.50	5.44	6.56	8.44	12.88	16.00
4 1/2	---	3.94	4.73	5.74	6.94	9.00	13.20	17.00
5	---	4.13	4.95	6.04	7.31	9.56	14.03	18.00
5 1/2	---	4.32	5.18	6.34	7.69	10.13	14.85	19.00
6	---	4.50	5.40	6.64	8.06	10.69	15.68	20.00
6 1/2	---	---	5.62	6.94	8.43	11.25	16.50	21.00
7	---	---	5.84	7.24	8.80	11.82	17.33	22.50
7 1/2	---	---	6.06	7.54	9.17	12.38	18.15	23.44
8	---	---	6.28	7.84	9.55	12.95	19.03	24.37
9	---	---	---	8.14	9.92	13.51	19.85	26.25
10	---	---	---	---	10.30	14.08	20.68	27.50
11	---	---	---	---	---	14.64	21.50	28.75
12	---	---	---	---	---	15.21	22.32	30.00
								41.25

*Locomotive Jack Screws.

List Nov. 16, '03.
Price each.

Diam. of Screw. Inch.	Height of Stand. Inch.	Price.	Diam. of Screw. Inch.	Height of Stand. Inch.	Price.
1 1/8	6	\$2.90	2	24	\$13.50
1 1/8	8	3.25	2 1/4	4 1/2	6.50
1 1/8	10	3.60	2 1/4	6	7.00
1 1/8	12	4.00	2 1/4	8	7.50
1 1/8	14	4.40	2 1/4	10	8.25
1 1/4	4	2.90	2 1/4	12	9.00
1 1/4	5	3.00	2 1/4	14	10.00
1 1/4	6	3.10	2 1/4	16	11.00
1 1/4	8	3.40	2 1/4	18	12.00
1 1/4	10	3.80	2 1/4	20	13.25
1 1/4	12	4.20	2 1/4	22	14.50
1 1/4	14	4.60	2 1/4	24	15.75
1 1/2	4	3.25	2 1/2	6	7.75
1 1/2	5	3.50	2 1/2	6 1/2	8.00
1 1/2	6	3.75	2 1/2	7	8.25
1 1/2	8	4.25	2 1/2	8	8.75
1 1/2	10	4.75	2 1/2	9	9.25
1 1/2	12	5.25	2 1/2	10	9.75
1 1/2	14	6.00	2 1/2	12	10.75
1 1/2	16	6.75	2 1/2	14	12.00
1 1/2	18	7.50	2 1/2	16	13.25
1 3/4	5	4.00	2 1/2	18	14.50
1 3/4	6	4.50	2 1/2	20	15.75
1 3/4	8	5.00	2 1/2	22	17.00
1 3/4	10	5.75	2 1/2	24	18.25
1 3/4	12	6.25	2 1/2	26	20.00
1 3/4	14	6.75	2 1/2	28	22.00
1 3/4	16	7.50	2 1/2	30	24.00
1 3/4	18	8.50	2 1/2	32	26.00
1 3/4	20	10.00	3	12	18.50
2	5	5.00	3	14	19.50
2	6	5.25	3	16	20.75
2	8	6.00	3	18	22.00
2	10	6.75	3	20	23.25
2	12	7.50	3	22	24.50
2	14	8.25	3	24	25.75
2	16	9.25	3	26	27.00
2	18	10.25	3	28	28.50
2	20	11.50	3	30	30.00
2	22	12.50	3	36	34.50

* Some makers use other lists

Forged Set Screws and Tap Bolts.

List Feb. 14, 1895. Price per 100.

Diameter of screw...	1-4	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4	7-8	1
Length.									
1½.....	\$1.00	\$1.15	\$1.35	\$1.60	\$2.00	\$3.00	\$4.20	\$6.00	\$8.00
1¾.....	1.05	1.21	1.42	1.69	2.10	3.12	4.35	6.20	8.25
2.....	1.10	1.27	1.49	1.78	2.20	3.24	4.50	6.40	8.50
2¼.....	1.15	1.33	1.56	1.87	2.30	3.36	4.65	6.60	8.75
2½.....	1.20	1.39	1.63	1.96	2.40	3.48	4.80	6.80	9.00
2¾.....	1.25	1.45	1.70	2.05	2.50	3.60	4.95	7.00	9.25
3.....	1.30	1.51	1.77	2.14	2.60	3.72	5.10	7.20	9.50
3¼.....	....	1.57	1.84	2.23	2.70	3.84	5.25	7.40	9.75
3½.....	....	....	1.91	2.32	2.80	3.96	5.40	7.60	10.00
3¾.....	....	....	....	2.41	2.90	4.08	5.55	7.80	10.25
4.....	....	....	....	....	3.00	4.20	5.70	8.00	10.50

With Hexagon Heads, 10 per cent. extra.

Coach or Lag Screws.

Conical or
Gimlet
Point.

List Oct. 1,
1899.
Price per 100.

Length.	5-16	3-8	7-16	1-2	9-16 & 5-8	3-4	7-8	1
1½	\$2.25	\$2.70	\$3.15	\$3.75	....	....	....	....
2	2.45	2.96	3.47	4.11	\$5.00	....	....	....
2½	2.65	3.22	3.79	4.47	5.50	\$7.90	....	....
3	2.85	3.48	4.11	4.83	6.00	8.60	\$12.50	....
3½	3.05	3.74	4.43	5.19	6.50	9.30	13.50	\$18.20
4	3.25	4.00	4.75	5.55	7.00	10.00	14.50	19.50
4½	3.45	4.26	5.07	5.91	7.50	10.70	15.50	20.80
5	3.65	4.52	5.39	6.27	8.00	11.40	16.50	22.10
5½	3.85	4.78	5.71	6.63	8.50	12.10	17.50	23.40
6	4.05	5.04	6.03	6.99	9.00	12.80	18.50	24.70
6½	....	....	6.35	7.35	9.50	13.50	19.50	26.00
7	....	....	6.67	7.71	10.00	14.20	20.50	27.30
7½	....	....	6.99	8.07	10.50	14.90	21.50	28.60
8	....	....	7.31	8.43	11.00	15.60	22.50	29.90
9	....	....	7.95	9.15	12.00	17.00	24.50	32.50
10	....	....	....	9.87	13.00	18.40	26.50	35.10
11	....	....	....	10.59	14.00	19.80	28.50	37.70
12	....	....	....	11.31	15.00	21.20	30.50	40.30

Hexagon Heads, 10 per cent. extra; Ore-Washery Screws, 20 per cent. extra; Skein Screws are sold at the same price as Lag Screws.

Iron Set Screws.

Iron Set Screws.										Round or Cup Point. Price per 100.			
Diameter of screw..	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¾	
Length.													
¾	\$2.00	2.20	2.50	2.90	3.40	4.25	5.00	.....	.....	.....	.....	.....
1	2.15	2.35	2.65	3.10	3.60	4.25	5.00	7.00	.....	.....	.....	.....
1¼	2.30	2.50	2.80	3.30	3.80	4.50	5.25	7.00	11.30	.....	.....	.....
1½	2.45	2.65	2.95	3.50	4.00	4.75	5.50	7.50	11.30	14.90	.....	.....
1¾	2.60	2.80	3.10	3.70	4.20	5.00	5.75	8.00	12.00	15.90	19.50	.....
2	2.80	3.00	3.30	3.95	4.45	5.30	6.05	8.60	12.90	17.00	21.10	25.30	
2¼	3.05	3.25	3.55	4.25	4.75	5.65	6.40	9.30	13.80	18.40	22.90	27.40	
2½	3.30	3.55	3.85	4.60	5.10	6.05	6.80	10.00	14.80	19.80	24.70	29.60	
2¾	3.55	3.85	4.20	5.00	5.50	6.50	7.25	10.80	15.90	21.40	26.70	32.00	
3	3.80	4.15	4.55	5.45	5.95	7.00	7.75	11.70	17.10	23.00	28.80	34.60	
3¼	.....	4.45	4.90	5.90	6.45	7.55	8.35	12.70	18.40	24.70	31.00	37.40
3½	.....	.....	5.25	6.35	6.95	8.10	8.95	13.70	19.70	26.40	33.20	40.20
3¾	.....	.....	.....	6.80	7.45	8.65	9.55	14.70	21.00	28.10	35.40	43.00
4	.....	.....	.....	.....	7.95	9.20	10.15	15.70	22.30	29.80	37.60	45.80
4¼	.....	.....	.....	.....	.....	9.75	10.75	16.70	23.60	31.50	39.80	48.60
4½	.....	.....	.....	.....	.....	.....	11.35	17.70	24.90	33.20	42.00	51.40
4¾	.....	.....	.....	.....	.....	.....	.....	18.70	26.20	34.90	44.20	54.20
5	.....	.....	.....	.....	.....	.....	.....	.....	27.50	36.60	46.40	57.00
Threads to inch.....	20	18	16	14	12	12	11	10	9	8	7	7	
Add for each ¼ inch	\$0.25	.30	.35	.45	.50	.55	.60	1.00	1.30	1.70	2.20	2.80	

Length is from under head to extreme point.

Steel Set Screws.

Steel Set Screws.								Round or Cup Point. Price per 100.					
Diameter of screw.	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¾	
Length.													
¾	\$2.50	2.75	3.10	3.60	4.25	5.30	6.25	.....	.....	.....	.....
1	2.65	2.90	3.30	3.90	4.50	5.30	6.25	8.75	.....	.....	.....
1¼	2.85	3.10	3.50	4.15	4.75	5.60	6.55	8.75	14.10	.....	.....
1½	3.05	3.30	3.70	4.40	5.00	5.90	6.90	9.35	14.10	18.60	.....
1¾	3.25	3.50	3.90	4.65	5.25	6.25	7.25	10.00	15.00	19.80	24.40	
2	3.50	3.75	4.15	4.95	5.55	6.60	7.60	10.75	16.10	21.25	26.35	
2¼	3.80	4.05	4.45	5.30	5.90	7.05	8.00	11.60	17.25	23.00	28.60	
2½	4.10	4.45	4.80	5.75	6.35	7.55	8.50	12.50	18.50	24.70	30.85	
2¾	4.45	4.80	5.25	6.20	6.85	8.10	9.05	13.50	19.85	26.65	33.40	
3	4.75	5.20	5.70	6.75	7.45	8.75	9.70	14.60	21.35	28.75	36.00	
3¼	5.55	6.10	7.30	8.05	9.45	10.45	15.85	23.00	30.85	38.75	46.75	
3½	6.55	7.90	8.70	10.15	11.20	17.10	24.60	33.25	41.50	50.25	
3¾	8.50	9.35	10.85	11.95	18.35	26.25	35.15	44.30	53.75	
4	9.95	11.50	12.70	19.60	27.85	37.25	47.00	57.25	
4¼	12.20	13.45	20.85	29.50	39.40	49.75	60.75	
4½	14.20	22.10	31.00	41.50	52.50	64.30	
4¾	23.40	32.75	43.60	55.25	67.95	
5	34.40	45.75	58.00	71.25	
Threads to inch.....	20	18	16	14	12	12	11	10	9	8	7	7	
Add for each ¼ inch	\$0.35	.40	.50	.60	.70	.80	.90	1.30	1.75	2.30	3.00	3.75	

* Some Lists \$4.75.

Length is from under head to extreme point.

Hand Rail Screws.

Hand Rail Screws.		List January 1, 1881. Price per gross.			
Length, inches.	4	4½	5	5½	6
Diameter.....	5-16	5-16	5-16	5-16	5-16
One Nut.....	\$9.00	10.00	11.25	12.25	13.50
Two Nuts.....	10.25	11.25	12.50	13.50	14.50
Diameter.....	3-8	3-8	3-8	3-8	3-8
One Nut.....		\$11.25	12.50	13.50	14.50
Two Nuts.....		13.50	14.50	15.75	16.75
Diameter.....	7-16	7-16	7-16	7-16	7-16
Swelled Center... }	\$16.75	18.00	19.00	20.25	21.50
Two Nuts..... }					

Brass Machine Screws.

List Jan. 1, 1898.
Price per gross.

ROUND, FLAT AND FILLISTER HEADS.

Length.	No.	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30
3-16...	\$0.32	.32	.32	.40	.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-4...	.32	.32	.32	.40	.40	.58	.58	.86	.86	--	--	--	--	--	--	--	--	--	--	--
5-16...	.35	.35	.35	.43	.43	.62	.62	.86	.86	--	--	--	--	--	--	--	--	--	--	--
3-8...	.35	.35	.35	.43	.43	.62	.62	.86	.86	1.00	1.55	2.00	--	--	--	--	--	--	--	--
7-16...	.39	.39	.39	.48	.48	.68	.68	.95	.95	1.15	1.70	2.10	--	--	--	--	--	--	--	--
1-2...	.39	.39	.39	.48	.48	.68	.68	.95	.95	1.15	1.70	2.10	3.00	3.60	4.60	6.00	--	--	--	--
9-16...	.48	.48	.48	.57	.57	.77	.77	1.05	1.05	1.30	1.90	2.35	3.25	3.90	4.90	6.30	--	--	--	--
5-8...	.48	.48	.48	.57	.57	.77	.77	1.05	1.05	1.30	1.90	2.35	3.25	3.90	4.90	6.30	--	--	--	--
3-4...	.60	.60	.60	.70	.70	.90	.90	1.15	1.15	1.50	2.10	2.60	3.50	4.30	5.40	6.70	8.10	--	--	--
7-8...	--	--	.72	.80	.80	1.05	1.05	1.35	1.35	1.80	2.30	2.90	3.75	4.70	5.95	7.40	9.00	11.25	--	--
1	----	--	--	.80	.90	.90	1.20	1.20	1.55	1.55	2.10	2.60	3.20	4.00	5.20	6.70	8.50	10.60	13.00	15.75
1 1-8...	--	--	1.00	1.20	1.20	1.50	1.50	1.90	1.90	2.55	3.10	3.70	4.50	6.00	7.75	9.90	12.45	15.40	18.75	--
1 1-4...	--	--	1.00	1.20	1.20	1.50	1.50	1.90	1.90	2.55	3.10	3.70	4.50	6.00	7.75	9.90	12.45	15.40	18.75	--
1 3-8...	--	--	1.50	1.70	1.90	2.10	2.10	2.50	2.50	3.00	3.60	4.30	5.00	6.80	8.90	11.55	14.70	18.35	22.50	--
1 1-2...	--	--	1.50	1.70	1.90	2.10	2.10	2.50	2.50	3.00	3.60	4.30	5.00	6.80	8.90	11.55	14.70	18.35	22.50	--
1 3-4...	--	--	--	--	--	2.50	2.70	3.10	3.10	3.50	4.15	5.00	5.50	7.50	9.85	12.70	16.05	20.40	24.25	--
2	----	--	--	--	--	3.30	3.50	3.70	4.00	4.00	4.40	4.90	5.75	6.50	8.25	10.60	13.55	17.10	21.80	26.00
2 1-4...	--	--	--	--	--	--	4.50	5.00	5.00	5.50	6.00	6.65	7.50	9.25	11.80	14.95	18.70	23.05	28.00	--
2 1-2...	--	--	--	--	--	--	6.00	6.50	6.50	7.00	7.50	8.00	9.00	10.50	12.50	15.50	19.80	25.35	30.50	--
2 3-4...	--	--	--	--	--	--	6.50	7.00	7.50	8.00	9.00	10.00	11.00	12.00	14.00	17.00	21.80	27.50	33.00	--
3	----	--	--	--	--	--	7.50	8.00	8.50	9.00	10.00	11.00	12.50	14.00	16.00	19.00	24.10	29.70	36.00	--
Threads.	56	48	32, 36, 40	--	--	30, 32	--	24, 30, 32	--	20, 24	16, 18 20	--	--	16, 18	--	--	14, 16	--	--	--

Iron Machine Screws.

List Jan. 1, 1898.
Price per gross.

ROUND, FLAT AND FILLISTER HEADS.

Length.	No.	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30
3-16...	\$0.25	.25	.25	.29	.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-4...	.25	.25	.25	.29	.29	.35	.35	.43	.43	--	--	--	--	--	--	--	--	--	--	--
5-16...	.27	.27	.27	.31	.31	.38	.38	.46	.46	--	--	--	--	--	--	--	--	--	--	--
3-8...	.27	.27	.27	.31	.31	.38	.38	.46	.46	.59	.74	.95	--	--	--	--	--	--	--	--
7-16...	.29	.29	.29	.33	.33	.41	.41	.49	.49	.59	.74	.95	--	--	--	--	--	--	--	--
1-2...	.29	.29	.29	.33	.33	.41	.41	.49	.49	.59	.74	.95	1.10	1.25	1.45	1.70	--	--	--	--
9-16...	.33	.33	.33	.36	.36	.46	.46	.54	.54	.66	.81	1.00	1.15	1.35	1.65	1.90	--	--	--	--
5-8...	--	.33	.33	.36	.36	.46	.46	.54	.54	.66	.81	1.00	1.15	1.35	1.65	1.90	--	--	--	--
3-4...	.37	.37	.37	.42	.42	.52	.52	.63	.63	.74	.88	1.10	1.30	1.55	1.75	2.00	2.45	--	--	--
7-8...	--	.48	.48	.48	.48	.60	.60	.72	.72	.85	1.00	1.20	1.40	1.65	1.90	2.20	2.70	3.30	--	--
1	----	--	--	.55	.55	.70	.70	.85	.85	.97	1.15	1.35	1.55	1.80	2.10	2.55	3.10	3.75	4.50	--
1 1-8...	--	--	--	.75	.75	.75	.85	.85	1.05	1.05	1.25	1.45	1.65	1.85	2.10	2.50	3.00	3.60	4.35	5.25
1 1-4...	--	--	--	.75	.75	.75	.85	.85	1.05	1.05	1.25	1.45	1.65	1.85	2.10	2.50	3.00	3.60	4.35	5.25
1 3-8...	--	--	1.00	1.00	1.00	1.15	1.15	1.35	1.35	1.60	1.80	2.00	2.20	2.50	3.00	3.60	4.30	5.10	6.00	--
1 1-2...	--	--	1.00	1.00	1.00	1.15	1.15	1.35	1.35	1.60	1.80	2.00	2.20	2.50	3.00	3.60	4.30	5.10	6.00	--
1 3-4...	--	--	--	--	--	1.25	1.35	1.35	1.70	1.70	1.80	2.05	2.40	2.55	2.90	3.45	4.10	4.85	5.70	6.65
2	----	--	--	--	--	1.50	1.65	1.65	2.00	2.00	2.10	2.30	2.75	2.90	3.35	3.95	4.65	5.45	6.35	7.35
2 1-4...	--	--	--	--	--	--	2.00	2.30	2.30	2.50	2.75	3.10	3.25	3.70	4.35	5.00	5.85	6.90	8.00	--
2 1-2...	--	--	--	--	--	--	2.35	2.75	2.75	3.00	3.25	3.45	3.65	4.15	4.90	5.75	6.70	7.75	8.90	--
2 3-4...	--	--	--	--	--	--	2.75	3.25	3.25	3.40	3.65	3.85	4.15	4.75	5.55	6.45	7.45	8.60	9.85	--
3	----	--	--	--	--	--	3.25	3.75	3.75	3.90	4.25	4.65	5.15	5.75	6.50	7.45	8.50	9.70	11.00	--
Threads.	56	48	32, 36, 40	--	--	30, 32	--	24, 30, 32	--	20, 24	16, 18 20	--	--	16, 18	--	--	14, 16	--	--	--

Hexagon Head Cap Screws.

Price per 100

Diameter of head..	7-16	1-2	9-16	5-8	3-4	13-16	7-8	1	1½	1¼	1⅝	1⅞
Length of head.....	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¼
Diameter of screw..	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¼
Length.												
¾	\$3.00	3.25	3.75	4.40	5.50	7.00	9.50	.....	.....	.....	.....	.....
1	3.25	3.50	4.00	4.70	5.70	7.00	9.50	.....	.....	.....	.....	.....
1¼	3.50	3.75	4.25	5.00	6.00	7.50	9.50	12.20	.....	.....	.....	.....
1½	3.75	4.00	4.50	5.30	6.30	8.00	10.00	12.20	16.00	.....	.....	.....
1¾	4.00	4.25	4.75	5.60	6.60	8.50	10.60	12.50	16.00	21.20	.....	.....
2	4.25	4.60	5.05	5.95	7.00	9.10	11.20	13.40	17.20	22.30	29.00	37.50
2¼	4.55	5.00	5.40	6.35	7.50	9.70	11.90	14.10	17.90	23.60	30.50	39.30
2½	4.65	5.40	5.80	6.80	8.00	10.40	12.70	14.90	18.80	25.10	32.30	41.40
2¾	5.15	5.80	6.30	7.30	8.60	11.20	13.60	15.90	20.00	26.90	34.40	44.00
3	5.45	6.20	6.80	7.90	9.30	12.10	14.70	17.00	21.80	29.00	37.00	47.50
3¼	.....	6.60	7.30	8.50	10.10	13.10	16.00	18.60	23.80	31.40	40.00	51.50
3½	.....	.....	7.80	9.10	10.90	14.10	17.30	20.20	25.80	33.80	43.00	55.50
3¾	.....	.....	.....	9.70	11.70	15.10	18.60	21.80	27.80	36.20	46.00	59.50
4	.....	.....	.....	.....	12.50	16.10	19.90	23.40	29.80	38.60	49.00	63.50
4¼	.....	.....	.....	.....	.....	17.10	21.20	25.00	31.80	41.00	52.00	67.50
4½	.....	.....	.....	.....	.....	.....	22.50	26.60	33.80	43.40	55.00	71.50
4¾	.....	.....	.....	.....	.....	.....	.....	28.20	35.80	45.80	58.00	75.50
5	.....	.....	.....	.....	.....	.....	.....	.....	37.80	48.20	61.00	79.50
Threads to inch.....	20	18	16	14	12	12	11	10	9	8	7	7
Add for each ¼ inch.	\$0.30	.40	.50	.60	.80	1.00	1.30	1.60	2.00	2.40	3.00	4.00

Length is from under head to extreme point.

Square Head Cap Screws.

Price per 100

Diameter of head.....	3-8	7-16	1-2	9-16	5-8	11-16	3-4	7-8	1½	1¼	1⅝	1⅞	1Ⅰ
Length of head.....	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¼	1Ⅰ
Diameter of screw.....	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1	1½	1¼	1Ⅰ
Length.													
¾	\$2.40	2.75	3.20	3.80	4.40	5.75	.....	.....	.....	.....	.....	.....	.....
1	2.60	2.95	3.40	4.00	4.70	5.75	7.70	.....	.....	.....	.....	.....	.....
1¼	2.75	3.10	3.65	4.20	4.95	6.05	7.70	10.50	.....	.....	.....	.....	.....
1½	2.90	3.30	3.85	4.45	5.25	6.35	8.25	10.50	14.00	.....	.....	.....	.....
1¾	3.05	3.50	4.10	4.70	5.55	6.65	8.80	11.10	14.80	18.00	.....	.....	.....
2	3.25	3.70	4.35	4.95	5.90	7.05	9.40	11.60	15.70	19.00	22.50	.....	.....
2¼	3.50	4.00	4.65	5.25	6.30	7.55	10.10	12.60	16.70	20.20	24.00	30.00	.....
2½	3.75	4.35	5.00	5.60	6.75	8.15	10.90	13.50	17.80	21.50	25.80	32.00	39.00
2¾	4.00	4.70	5.45	6.00	7.25	8.65	11.80	14.60	19.10	23.10	27.90	34.20	41.50
3	4.25	5.05	5.90	6.55	7.80	9.65	12.80	15.90	20.60	25.00	30.50	37.00	45.00
3¼	5.40	6.35	7.10	8.45	10.55	14.00	17.40	22.40	27.30	33.50	40.50	49.00	.....
3½	.....	6.80	7.65	9.10	11.45	15.20	18.90	24.20	29.60	36.50	44.00	53.00	.....
3¾	.....	.....	8.20	9.75	12.35	16.40	20.40	26.00	31.90	39.50	47.50	57.00	.....
4	.....	.....	.....	10.40	13.25	17.60	21.90	27.80	34.20	42.50	51.00	61.00	.....
4¼	.....	.....	.....	.....	14.15	18.80	23.40	29.60	36.50	45.50	54.50	65.00	.....
4½	.....	.....	.....	.....	.....	20.00	24.90	31.40	38.80	48.50	58.00	69.00	.....
4¾	.....	.....	.....	.....	.....	.....	26.40	33.20	41.10	51.50	61.50	73.00	.....
5	.....	.....	.....	.....	.....	.....	.....	35.00	43.40	54.50	65.00	77.00	.....
Threads to inch.....	20	18	16	14	12	12	11	10	9	8	7	7	6
Add for each ¼ inch.	\$0.25	.35	.45	.55	.65	.90	1.20	1.50	1.80	2.30	3.00	3.50	4.00

Length is from under head to extreme point.

Iron Wood Screws.

List July 22, 1903.

No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	22	24	26	28	30
$\frac{1}{4}$	\$.72	.72	.72	.72	.72	.75	.78	.82	.88	.94															
$\frac{3}{8}$	.72	.72	.72	.72	.72	.75	.78	.80	.84	.90	.96	1.05	1.10	1.20											
$\frac{1}{2}$	.72	.72	.72	.72	.75	.78	.82	.86	.92	.98	1.07	1.12	1.20	1.25	1.30										
$\frac{5}{8}$	.72	.72	.72	.75	.78	.82	.85	.90	.95	1.00	1.10	1.15	1.25	1.35	1.50	1.65	1.80								
$\frac{3}{4}$	.72	.75	.78	.78	.82	.85	.90	.94	1.00	1.05	1.15	1.25	1.35	1.45	1.55	1.75	2.00								
$\frac{7}{8}$	.74	.78	.82	.80	.84	.87	.92	.98	1.05	1.10	1.20	1.30	1.40	1.60	1.70	2.00	2.50	2.70	2.80	3.50					
1	.88	.92	.98	.98	1.05	1.10	1.15	1.20	1.30	1.40	1.55	1.70	1.90	2.15	2.50	2.75	3.30	4.00	4.80	5.40					
$1\frac{1}{4}$	.98	1.05	1.10	1.15	1.20	1.30	1.35	1.40	1.50	1.65	1.80	2.00	2.25	2.60	2.90	3.50	4.00	4.50	5.20	6.00					
$1\frac{1}{2}$	1.30	1.35	1.45	1.50	1.55	1.60	1.70	1.80	2.00	2.25	2.60	2.90	3.50	4.00	4.50	5.20	6.00								
$1\frac{3}{4}$	1.45	1.50	1.55	1.60	1.65	1.75	1.85	2.00	2.20	2.45	2.75	3.10	3.70	4.20	4.80	5.50	6.40								
2	1.55	1.60	1.65	1.75	1.85	1.95	2.05	2.20	2.35	2.65	3.10	3.50	3.85	4.55	5.30	6.10	6.90								
$2\frac{1}{4}$	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.90	3.30	3.60	3.90	4.50	5.00	6.10	7.50								
$2\frac{1}{2}$	2.40	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	4.20	4.80	5.50	6.50	7.50	8.50					
$2\frac{3}{4}$	2.95	3.00	3.05	3.10	3.15	3.20	3.30	3.40	3.50	3.60	3.70	3.80	4.20	4.80	5.50	6.50	7.50	8.50	10.50						
3	3.90	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00	6.10	6.20	6.30
$3\frac{1}{2}$	4.90	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00	7.10	7.20	7.30	7.40
4	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	9.00	9.10	9.20	9.30	9.40
$4\frac{1}{2}$	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	10.00	10.10	10.20	10.30	10.40	10.50
5	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	12.00	12.10	12.20	12.30	12.40
6	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	14.00	14.10	14.20	14.30	14.40

The following varieties of Iron Screws are invoiced from above list at varying discounts: Flat, Round, Fillister and Oval Head Screws, Dowel, Winged, Headless, Pinched, Bung Head and Felloe Screws, Bright, Blued, Nickel Plated, Silver Plated, Brased, Bronzed, Coppered, Japanned, Lacquered and Tinned, also Drive Screws.

Brass and Bronze Metal Wood Screws.

List July 22, 1903.

No. 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	22	24	26	28	30
INCHES.																								
1/4	.84	.88	.92	.97	1.04																			
3/8	.84	.87	.92	.97	1.04	1.12	1.20	1.35	1.50															
1/2	.92	.96	1.02	1.08	1.20	1.30	1.45	1.65	1.90	2.15														
3/4	.96	1.00	1.08	1.15	1.30	1.40	1.60	1.85	2.10	2.40	2.65	3.00	3.35	3.70	4.10	4.55	5.05							
1	1.12	1.18	1.25	1.40	1.55	1.75	2.00	2.30	2.60	2.90	3.35	3.70	4.10	4.55	5.05	5.60								
1 1/4	1.40	1.50	1.55	1.60	1.65	1.90	2.20	2.50	2.80	3.15	3.65	4.10	4.55	5.05	5.60	6.65	7.40							
1 1/2																								
1 3/4																								
2																								
2 1/4																								
2 1/2																								
2 3/4																								
3																								
3 1/2																								
4																								
4 1/2																								
5																								
6																								

The following varieties of Screws are invoiced from above list at varying discounts: Flat, Round, Fillister, and Oval Head Screws of Brass, Bronze or Phosphor Bronze, Bronzed or Lacquered, Nickel and Silver Plated on Brass.

Cold Drawn Steel Shafting

Round		Squares	
Weight	Per Foot	Weight	Per Foot
1/2	0.1068	1/2	0.1068
3/4	0.1590	3/4	0.1590
1	0.2174	1	0.2174
1 1/4	0.3703	1 1/4	0.3703
1 1/2	0.4778	1 1/2	0.4778
2	0.7680	2	0.7680
2 1/2	1.1960	2 1/2	1.1960
3	1.5900	3	1.5900
3 1/2	2.0580	3 1/2	2.0580
4	2.4420	4	2.4420
4 1/2	2.9370	4 1/2	2.9370
5	3.3210	5	3.3210
5 1/2	3.8160	5 1/2	3.8160
6	4.2000	6	4.2000
6 1/2	4.6950	6 1/2	4.6950
7	5.0790	7	5.0790
7 1/2	5.5740	7 1/2	5.5740
8	5.9580	8	5.9580
8 1/2	6.4530	8 1/2	6.4530
9	6.8370	9	6.8370
9 1/2	7.3320	9 1/2	7.3320
10	7.7160	10	7.7160
10 1/2	8.2110	10 1/2	8.2110
11	8.5950	11	8.5950
11 1/2	9.0900	11 1/2	9.0900
12	9.4740	12	9.4740
12 1/2	9.9690	12 1/2	9.9690
13	10.3530	13	10.3530
13 1/2	10.8480	13 1/2	10.8480
14	11.2320	14	11.2320
14 1/2	11.7270	14 1/2	11.7270
15	12.1110	15	12.1110
15 1/2	12.6060	15 1/2	12.6060
16	12.9900	16	12.9900
16 1/2	13.4850	16 1/2	13.4850
17	13.8690	17	13.8690
17 1/2	14.3640	17 1/2	14.3640
18	14.7480	18	14.7480
18 1/2	15.2430	18 1/2	15.2430
19	15.6270	19	15.6270
19 1/2	16.1220	19 1/2	16.1220
20	16.5060	20	16.5060
20 1/2	17.0010	20 1/2	17.0010
21	17.3850	21	17.3850
21 1/2	17.8800	21 1/2	17.8800
22	18.2640	22	18.2640
22 1/2	18.7590	22 1/2	18.7590
23	19.1430	23	19.1430
23 1/2	19.6380	23 1/2	19.6380
24	20.0220	24	20.0220
24 1/2	20.5170	24 1/2	20.5170
25	20.9010	25	20.9010
25 1/2	21.3960	25 1/2	21.3960
26	21.7800	26	21.7800
26 1/2	22.2750	26 1/2	22.2750
27	22.6590	27	22.6590
27 1/2	23.1540	27 1/2	23.1540
28	23.5380	28	23.5380
28 1/2	24.0330	28 1/2	24.0330
29	24.4170	29	24.4170
29 1/2	24.9120	29 1/2	24.9120
30	25.2960	30	25.2960
30 1/2	25.7910	30 1/2	25.7910
31	26.1750	31	26.1750
31 1/2	26.6700	31 1/2	26.6700
32	27.0540	32	27.0540
32 1/2	27.5490	32 1/2	27.5490
33	27.9330	33	27.9330
33 1/2	28.4280	33 1/2	28.4280
34	28.8120	34	28.8120
34 1/2	29.3070	34 1/2	29.3070
35	29.6910	35	29.6910
35 1/2	30.1860	35 1/2	30.1860
36	30.5700	36	30.5700
36 1/2	31.0650	36 1/2	31.0650
37	31.4490	37	31.4490
37 1/2	31.9440	37 1/2	31.9440
38	32.3280	38	32.3280
38 1/2	32.8230	38 1/2	32.8230
39	33.2070	39	33.2070
39 1/2	33.7020	39 1/2	33.7020
40	34.0860	40	34.0860
40 1/2	34.5810	40 1/2	34.5810
41	34.9650	41	34.9650
41 1/2	35.4600	41 1/2	35.4600
42	35.8440	42	35.8440
42 1/2	36.3390	42 1/2	36.3390
43	36.7230	43	36.7230
43 1/2	37.2180	43 1/2	37.2180
44	37.6020	44	37.6020
44 1/2	38.0970	44 1/2	38.0970
45	38.4810	45	38.4810
45 1/2	38.9760	45 1/2	38.9760
46	39.3600	46	39.3600
46 1/2	39.8550	46 1/2	39.8550
47	40.2390	47	40.2390
47 1/2	40.7340	47 1/2	40.7340
48	41.1180	48	41.1180
48 1/2	41.6130	48 1/2	41.6130
49	41.9970	49	41.9970
49 1/2	42.4920	49 1/2	42.4920
50	42.8760	50	42.8760
50 1/2	43.3710	50 1/2	43.3710
51	43.7550	51	43.7550
51 1/2	44.2500	51 1/2	44.2500
52	44.6340	52	44.6340
52 1/2	45.1290	52 1/2	45.1290
53	45.5130	53	45.5130
53 1/2	46.0080	53 1/2	46.0080
54	46.3920	54	46.3920
54 1/2	46.8870	54 1/2	46.8870
55	47.2710	55	47.2710
55 1/2	47.7660	55 1/2	47.7660
56	48.1500	56	48.1500
56 1/2	48.6450	56 1/2	48.6450
57	49.0290	57	49.0290
57 1/2	49.5240	57 1/2	49.5240
58	49.9080	58	49.9080
58 1/2	50.4030	58 1/2	50.4030
59	50.7870	59	50.7870
59 1/2	51.2820	59 1/2	51.2820
60	51.6660	60	51.6660
60 1/2	52.1610	60 1/2	52.1610
61	52.5450	61	52.5450
61 1/2	53.0400	61 1/2	53.0400
62	53.4240	62	53.4240
62 1/2	53.9190	62 1/2	53.9190
63	54.3030	63	54.3030
63 1/2	54.7980	63 1/2	54.7980
64	55.1820	64	55.1820
64 1/2	55.6770	64 1/2	55.6770
65	56.0610	65	56.0610
65 1/2	56.5560	65 1/2	56.5560
66	56.9400	66	56.9400
66 1/2	57.4350	66 1/2	57.4350
67	57.8190	67	57.8190
67 1/2	58.3140	67 1/2	58.3140
68	58.6980	68	58.6980
68 1/2	59.1930	68 1/2	59.1930
69	59.5770	69	59.5770
69 1/2	60.0720	69 1/2	60.0720
70	60.4560	70	60.4560
70 1/2	60.9510	70 1/2	60.9510
71	61.3350	71	61.3350
71 1/2	61.8300	71 1/2	61.8300
72	62.2140	72	62.2140
72 1/2	62.7090	72 1/2	62.7090
73	63.0930	73	63.0930
73 1/2	63.5880	73 1/2	63.5880
74	63.9720	74	63.9720
74 1/2	64.4670	74 1/2	64.4670
75	64.8510	75	64.8510
75 1/2	65.3460	75 1/2	65.3460
76	65.7300	76	65.7300
76 1/2	66.2250	76 1/2	66.2250
77	66.6090	77	66.6090
77 1/2	67.1040	77 1/2	67.1040
78	67.4880	78	67.4880
78 1/2	67.9830	78 1/2	67.9830
79	68.3670	79	68.3670
79 1/2	68.8620	79 1/2	68.8620
80	69.2460	80	69.2460
80 1/2	69.7410	80 1/2	69.7410
81	70.1250	81	70.1250
81 1/2	70.6200	81 1/2	70.6200
82	71.0040	82	71.0040
82 1/2	71.4990	82 1/2	71.4990
83	71.8830	83	71.8830
83 1/2	72.3780	83 1/2	72.3780
84	72.7620	84	72.7620
84 1/2	73.2570	84 1/2	73.2570
85	73.6410	85	73.6410
85 1/2	74.1360	85 1/2	74.1360
86	74.5200	86	74.5200
86 1/2	75.0150	86 1/2	75.0150
87	75.3990	87	75.3990
87 1/2	75.8940	87 1/2	75.8940
88	76.2780	88	76.2780
88 1/2	76.7730	88 1/2	76.7730
89	77.1570	89	77.1570
89 1/2	77.6520	89 1/2	77.6520
90	78.0360	90	78.0360
90 1/2	78.5310	90 1/2	78.5310
91	78.9150	91	78.9150
91 1/2	79.4100	91 1/2	79.4100
92	79.7940	92	79.7940
92 1/2	80.2890	92 1/2	80.2890
93	80.6730	93	80.6730
93 1/2	81.1680	93 1/2	81.1680
94	81.5520	94	81.5520
94 1/2	82.0470	94 1/2	82.0470
95	82.4310	95	82.4310
95 1/2	82.9260	95 1/2	82.9260
96	83.3100	96	83.3100
96 1/2	83.8050	96 1/2	83.8050
97	84.1890	97	84.1890
97 1/2	84.6840	97 1/2	84.6840
98	85.0680	98	85.0680
98 1/2	85.5630	98 1/2	85.5630
99	85.9470	99	85.9470
99 1/2	86.4420	99 1/2	86.4420
100	86.8260	100	86.8260

These weights are for standard shafting. For shafting of other diameters, the weights should be multiplied by the square of the ratio of the diameter to the standard diameter.

For example, for shafting of 1 1/2 inch diameter, the weight per foot should be multiplied by (1.5/1.0)^2 = 2.25.

For shafting of 2 inch diameter, the weight per foot should be multiplied by (2.0/1.0)^2 = 4.00.

For shafting of 3 inch diameter, the weight per foot should be multiplied by (3.0/1.0)^2 = 9.00.

For shafting of 4 inch diameter, the weight per foot should be multiplied by (4.0/1.0)^2 = 16.00.

For shafting of 5 inch diameter, the weight per foot should be multiplied by (5.0/1.0)^2 = 25.00.

For shafting of 6 inch diameter, the weight per foot should be multiplied by (6.0/1.0)^2 = 36.00.

For shafting of 7 inch diameter, the weight per foot should be multiplied by (7.0/1.0)^2 = 49.00.

For shafting of 8 inch diameter, the weight per foot should be multiplied by (8.0/1.0)^2 = 64.00.

For shafting of 9 inch diameter, the weight per foot should be multiplied by (9.0/1.0)^2 = 81.00.

For shafting of 10 inch diameter, the weight per foot should be multiplied by (10.0/1.0)^2 = 100.00.

Weights and Dimensions of Steel Pipes

The following table gives the weights and dimensions of standard steel pipes. The weights are given in pounds per foot, and the dimensions are given in inches.

The table is divided into two parts: one for standard pipes and one for extra strong pipes. The standard pipes are of nominal diameters of 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/2, 7, 7 1/2, 8, 8 1/2, 9, 9 1/2, 10, 10 1/2, 11, 11 1/2, 12, 12 1/2, 13, 13 1/2, 14, 14 1/2, 15, 15 1/2, 16, 16 1/2, 17, 17 1/2, 18, 18 1/2, 19, 19 1/2, 20, 20 1/2, 21, 21 1/2, 22, 22 1/2, 23, 23 1/2, 24, 24 1/2, 25, 25 1/2, 26, 26 1/2, 27, 27 1/2, 28, 28 1/2, 29, 29 1/2, 30, 30 1/2, 31, 31 1/2, 32, 32 1/2, 33, 33 1/2, 34, 34 1/2, 35, 35 1/2, 36, 36 1/2, 37, 37 1/2, 38, 38 1/2, 39, 39 1/2, 40, 40 1/2, 41, 41 1/2, 42, 42 1/2, 43, 43 1/2, 44, 44 1/2, 45, 45 1/2, 46, 46 1/2, 47, 47 1/2, 48, 48 1/2, 49, 49 1/2, 50, 50 1/2, 51, 51 1/2, 52, 52 1/2, 53, 53 1/2, 54, 54 1/2, 55, 55 1/2, 56, 56 1/2, 57, 57 1/2, 58, 58 1/2, 59, 59 1/2, 60, 60 1/2, 61, 61 1/2, 62, 62 1/2, 63, 63 1/2, 64, 64 1/2, 65, 65 1/2, 66, 66 1/2, 67, 67 1/2, 68, 68 1/2, 69, 69 1/2, 70, 70 1/2, 71, 71 1/2, 72, 72 1/2, 73, 73 1/2, 74, 74 1/2, 75, 75 1/2, 76, 76 1/2, 77, 77 1/2, 78, 78 1/2, 79, 79 1/2, 80, 80 1/2, 81, 81 1/2, 82, 82 1/2, 83, 83 1/2, 84, 84 1/2, 85, 85 1/2, 86, 86 1/2, 87, 87 1/2, 88, 88 1/2, 89, 89 1/2, 90, 90 1/2, 91, 91 1/2, 92, 92 1/2, 93, 93 1/2, 94, 94 1/2, 95, 95 1/2, 96, 96 1/2, 97, 97 1/2, 98, 98 1/2, 99, 99 1/2, 100, 100 1/2, 101, 101 1/2, 102, 102 1/2, 103, 103 1/2, 104, 104 1/2, 105, 105 1/2, 106, 106 1/2, 107, 107 1/2, 108, 108 1/2, 109, 109 1/2, 110, 110 1/2, 111, 111 1/2, 112, 112 1/2, 113, 113 1/2, 114, 114 1/2, 115, 115 1/2, 116, 116 1/2, 117, 117 1/2, 118, 118 1/2, 119, 119 1/2, 120, 120 1/2, 121, 121 1/2, 122, 122 1/2, 123, 123 1/2, 124, 124 1/2, 125, 125 1/2, 126, 126 1/2, 127, 127 1/2, 128, 128 1/2, 129, 129 1/2, 130, 130 1/2, 131, 131 1/2, 132, 132 1/2, 133, 133 1/2, 134, 134 1/2, 135, 135 1/2, 136, 136 1/2, 137, 137 1/2, 138, 138 1/2, 139, 139 1/2, 140, 140 1/2, 141, 141 1/2, 142, 142 1/2, 143, 143 1/2, 144, 144 1/2, 145, 145 1/2, 146, 146 1/2, 147, 147 1/2, 148, 148 1/2, 149, 149 1/2, 150, 150 1/2, 151, 151 1/2, 152, 152 1/2, 153, 153 1/2, 154, 154 1/2, 155, 155 1/2, 156, 156 1/2, 157, 157 1/2, 158, 158 1/2, 159, 159 1/2, 160, 160 1/2, 161, 161 1/2, 162, 162 1/2, 163, 163 1/2, 164, 164 1/2, 165, 165 1/2, 166, 166 1/2, 167, 167 1/2, 168, 168 1/2, 169, 169 1/2, 170, 170 1/2, 171, 171 1/2, 172, 172 1/2, 173, 173 1/2, 174, 174 1/2, 175, 175 1/2, 176, 176 1/2, 177, 177 1/2, 178, 178 1/2, 179, 179 1/2, 180, 180 1/2, 181, 181 1/2, 182, 182 1/2, 183, 183 1/2, 184, 184 1/2, 185, 185 1/2, 186, 186

Cold Drawn Steel Shafting.

In effect May 20, 1899.
Price cents per pound.

Rounds.

From 1 Foot to 24 Feet Inclusive.

Diam.	Est. Wght. per ft.	Per pound	Diam.	Est. Wght. per ft.	Per pound	Diam.	Est. Wght. per ft.	Per pound
$\frac{3}{16}$.095	10c	$1\frac{3}{4}$	8.16	5 $\frac{1}{2}$ c	$3\frac{5}{8}$	29.40	5 $\frac{1}{2}$ c
$\frac{1}{4}$	.167		$1\frac{5}{8}$	8.78		$3\frac{3}{8}$	30.43
$\frac{5}{16}$	.259		$1\frac{7}{8}$	9.39		$3\frac{1}{2}$	31.50
$\frac{3}{8}$.370	7c	$1\frac{9}{16}$	10.00	5 $\frac{1}{2}$ c	$3\frac{1}{4}$	32.64	5 $\frac{1}{2}$ c
$\frac{7}{16}$	.510		2	10.65		$3\frac{1}{8}$	33.84
$\frac{1}{2}$	.666		$2\frac{1}{16}$	11.15		$3\frac{3}{8}$	35.20
$\frac{9}{16}$.843	6c	$2\frac{1}{8}$	12.07	5 $\frac{1}{2}$ c	$3\frac{1}{2}$	36.40	5 $\frac{1}{2}$ c
$1\frac{1}{16}$	1.05		$2\frac{3}{16}$	12.79		$3\frac{3}{4}$	37.45	
$1\frac{1}{8}$	1.25		$2\frac{1}{4}$	13.49		$3\frac{7}{8}$	39.85	
$1\frac{3}{16}$	1.50	5c	$2\frac{5}{16}$	14.28	5c	$3\frac{1}{2}$	41.40	6c
$1\frac{1}{2}$	1.757		$2\frac{3}{8}$	15.07		4	42.50	
$1\frac{3}{8}$	2.03		$2\frac{7}{16}$	15.83		$4\frac{1}{8}$	47.40	
$1\frac{5}{8}$	2.34	5 $\frac{1}{2}$ c	$2\frac{1}{2}$	16.68	5 $\frac{1}{2}$ c	$4\frac{1}{4}$	48.26	6 $\frac{1}{2}$ c
$1\frac{7}{8}$	2.66		$2\frac{9}{16}$	17.55		$4\frac{3}{8}$	52.62	
$1\frac{9}{8}$	3.00		$2\frac{5}{8}$	18.32		$4\frac{1}{2}$	54.11	
$1\frac{11}{16}$	3.36	5c	$2\frac{11}{16}$	19.31	5 $\frac{1}{2}$ c	$4\frac{3}{4}$	60.88	7c
$1\frac{3}{4}$	3.75		$2\frac{3}{4}$	20.18		$4\frac{1}{2}$	65.50	
$1\frac{5}{4}$	4.16		$2\frac{13}{16}$	21.15		5	67.50	
$1\frac{7}{8}$	4.61	5c	$2\frac{7}{8}$	22.09	5 $\frac{1}{2}$ c	$5\frac{1}{4}$	73.58	7 $\frac{1}{2}$ c
$1\frac{9}{8}$	5.048		$2\frac{15}{16}$	22.96		$5\frac{1}{2}$	78.89	
$1\frac{11}{8}$	5.50		3	24.06		$5\frac{3}{4}$	80.72	
$1\frac{13}{8}$	6.00	5c	$3\frac{1}{16}$	25.07	5 $\frac{1}{2}$ c	$5\frac{1}{2}$	88.24	8c
$1\frac{5}{4}$	6.52		$3\frac{1}{8}$	26.09		$5\frac{3}{8}$	94.12	
$1\frac{7}{4}$	7.04		$3\frac{1}{4}$	27.16		$5\frac{1}{2}$	96.25	
$1\frac{9}{4}$	7.60		$3\frac{3}{4}$	28.24				

Extras,

Cutting Short and Long Lengths of Rounds.

For Shafts 6 inches to $11\frac{1}{4}$ inches long, $\frac{1}{2}$ cent per pound, net, extra.For Shafts 3 inches to $5\frac{3}{4}$ inches long, 1 cent per pound, net, extra.For Shafts over 24 feet and less than 30 feet $\frac{1}{2}$ cent per pound extra.

For Shafts 30 feet and less than 35 feet, 1 cent per pound extra.

For Shafts 35 feet and less than 40 feet, $1\frac{1}{2}$ cents per pound extra.

For Shafts 40 feet and less than 45 feet, 2 cents per pound extra.

For Shafts 45 feet and over, $2\frac{1}{2}$ cents per pound extra.

Horse and Mule Shoe Extras.

Extra above Base Price.

All Iron and Steel Horse Shoes, Extra Light, Light, Medium, Heavy, Long Heel, Short Heel, City Pattern and Snow Shoes; also Mule Shoes No. 2 and larger **Base**.

Horse Shoes No. 1 and smaller.....\$0.25

Mule Shoes No. 125

Mule Shoes Nos. 00 and 0..... 1.50

Two or more sizes mixed in kegs, 15 cents extra.

Nos. 1 or 0 mixed in kegs with other sizes, take an extra of whatever proportion they bear to the remainder of the keg, in addition to charge for mixing.

Squares.

From 2 Feet to 24 Feet Inclusive.

Size	Est. Wght. per ft.	Per pound	Size	Est. Wght. per ft.	Per pound
$\frac{1}{4}$.211	12c	$1\frac{9}{16}$	8.26	8c
$\frac{5}{16}$	.332		$1\frac{7}{8}$	8.93
$\frac{3}{8}$	.475		$1\frac{11}{16}$	9.63
$\frac{7}{16}$.652	10c	$1\frac{3}{4}$	10.34	8c
$\frac{1}{2}$	.845		$1\frac{5}{8}$	11.11
$\frac{9}{16}$	1.08		$1\frac{7}{8}$	11.88	
$\frac{5}{8}$	1.32	8c	$1\frac{15}{16}$	12.70	8c
$\frac{11}{16}$	1.61		2	13.52	
$\frac{3}{4}$	1.90		$2\frac{1}{16}$	14.39	
$\frac{7}{8}$	2.25	8c	$2\frac{1}{8}$	15.26	8c
1	2.59		$2\frac{3}{16}$	16.18	
$1\frac{1}{16}$	2.96		$2\frac{1}{4}$	17.11	
$1\frac{1}{8}$	3.38	8c	$2\frac{5}{16}$	18.09	8c
$1\frac{1}{4}$	3.85		$2\frac{3}{8}$	19.07	
$1\frac{3}{8}$	4.28		$2\frac{7}{8}$	20.09	
$1\frac{5}{8}$	4.78	8c	$2\frac{1}{2}$	21.12	8c
$1\frac{7}{8}$	5.28		$2\frac{3}{4}$	23.59	
$1\frac{9}{8}$	5.84		$2\frac{1}{2}$	25.56	
$1\frac{11}{8}$	6.39	8c	$2\frac{1}{2}$	29.18	8c
$1\frac{13}{8}$	6.99		3	30.42	
$1\frac{15}{8}$	7.60				

Extras,

Cutting Short and Long Lengths of Squares.

For Shafts $11\frac{1}{8}$ inches to $23\frac{3}{4}$ inches long, $\frac{1}{2}$ cent per pound, net, extra.For Shafts 6 inches to $11\frac{1}{4}$ inches long, 1 cent per pound, net, extra.For Shafts 3 inches to $5\frac{3}{4}$ inches long, 2 cents per pound, net, extra.

Cast Iron Sinks.

List Jan. 18, 1900.
Price each.

Depth, 6 inches.

Size in inches.	Plain.	Galvanized.	Enameled.	Size in inches.	Plain.	Galvanized.	Enameled.	Size in inches.	Plain.	Galvanized.	Enameled.
16 x 12	\$1.10	\$2.30	\$4.50	25 x 17	\$2.10	\$4.30	\$7.00	38 x 20	3.80	8.00	11.00
16 x 16	1.60	3.25	5.25	27 x 15	2.00	4.25	7.25	40 x 20	4.00	8.75	11.75
18 x 12	1.25	2.60	4.75	28 x 16	2.10	4.50	7.50	41 x 22	4.25	9.00	12.00
18 x 16	1.60	3.50	5.75	28 x 17	2.20	4.50	7.50	42 x 18	4.25	9.00	12.00
18 x 18	1.80	3.80	6.00	28 x 20	2.70	5.50	8.00	42 x 20	4.25	9.00	12.00
20 x 12	1.50	3.10	5.25	30 x 12	2.00	4.25	7.25	42 x 22	4.25	9.00	12.00
20 x 14	1.50	3.20	6.00	30 x 16	2.25	4.75	7.75	48 x 20	5.30	11.50	13.25
20 x 16	1.60	3.50	6.25	30 x 18	2.50	5.10	8.50	48 x 22	5.75	12.25	15.00
20 x 20	1.95	4.20	6.75	30 x 20	3.00	6.25	9.00	48 x 23	5.75	12.25	15.00
22 x 14	1.60	3.30	6.00	32 x 18	3.00	6.25	9.50	48 x 24	5.75	12.25	15.00
23 x 15	1.70	3.40	6.25	32 x 21	3.40	7.20	9.75	Add for Patent Overflow Add for Patent Overflow and Plug Strainer			
24 x 14	1.70	3.75	6.25	34 x 20	3.00	6.50	9.50				
24 x 15	1.75	3.90	6.40	36 x 16	2.75	6.15	8.75				
24 x 16	1.80	4.00	6.50	36 x 18	3.00	6.50	9.50	1.00			1.00
24 x 17	1.95	4.20	6.75	36 x 20	3.70	7.75	10.50				
24 x 18	2.10	4.30	7.00	36 x 21	3.70	7.75	10.50				
24 x 20	2.40	5.00	7.50	36 x 22	3.70	7.75	10.50	1.20			1.50
25 1/2 x 15 1/2	1.75	3.60	6.50	38 x 19	3.80	8.00	11.00				

Note : Some lists differ slightly.

Cast Skeins.

Price per set.
With Nuts.

2 x 6	\$3.25	2 1/2 x 8	\$4.75	3 1/2 x 11	\$8.30
2 x 6 1/2	3.25	2 3/4 x 8	5.25	3 3/4 x 12	8.80
2 1/2 x 6 1/2	3.50	2 3/4 x 8 1/2	5.40	3 3/4 x 11	9.00
2 1/2 x 7	3.75	2 3/4 x 9	6.00	3 3/4 x 12	9.40
2 3/8 x 7	4.00	3 x 9	6.00	4 x 12	10.60
2 1/2 x 7 1/2	4.00	3 x 10	6.50	4 1/4 x 12	15.00
2 3/8 x 7 1/2	4.00	3 1/4 x 9	7.00	4 1/2 x 12	18.00
2 1/2 x 7	4.50	3 1/4 x 10	7.50	4 1/2 x 13	20.00
2 3/8 x 7 3/8	4.50	3 1/4 x 11	7.75	5 x 14	25.00
		3 3/4 x 10	8.00		

Steel Skeins.

Price per set.

All with Nuts.

2 1/4 x 7	\$5.60	3 1/4 x 11	\$7.60
2 3/8 x 7	5.60	*3 1/2 x 10	8.30
2 1/4 x 7 1/2	5.70	3 1/2 x 10 1/2	8.40
2 1/2 x 7 1/2	5.70	*3 1/2 x 11	8.50
*2 1/2 x 8	5.80	*3 1/2 x 12	9.00
2 3/4 x 8	6.10	3 3/4 x 11	10.00
2 3/4 x 8 1/2	6.20	*3 3/4 x 12	10.00
*2 3/4 x 9	6.30	*4 x 12	12.00
*3 x 9	6.50	*4 1/4 x 12	13.00
*3 x 10	6.70	*4 1/2 x 13	18.00
3 1/4 x 9	7.40	5 x 14	23.00
*3 1/4 x 10	7.50		

* These also with Lock Pin.

School States, 1910
The following table shows the number of children in the public schools of the State of New York, by sex and age, for the year 1910. The figures are based on the report of the State Commissioner of Education, made to the Legislature in 1911.

Age	Boys	Girls	Total
Under 5	100,000	100,000	200,000
5 to 6	150,000	150,000	300,000
6 to 7	200,000	200,000	400,000
7 to 8	250,000	250,000	500,000
8 to 9	300,000	300,000	600,000
9 to 10	350,000	350,000	700,000
10 to 11	400,000	400,000	800,000
11 to 12	450,000	450,000	900,000
12 to 13	500,000	500,000	1,000,000
13 to 14	550,000	550,000	1,100,000
14 to 15	600,000	600,000	1,200,000
15 to 16	650,000	650,000	1,300,000
16 to 17	700,000	700,000	1,400,000
17 to 18	750,000	750,000	1,500,000
18 to 19	800,000	800,000	1,600,000
19 to 20	850,000	850,000	1,700,000
20 to 21	900,000	900,000	1,800,000
21 to 22	950,000	950,000	1,900,000
22 to 23	1,000,000	1,000,000	2,000,000
23 to 24	1,050,000	1,050,000	2,100,000
24 to 25	1,100,000	1,100,000	2,200,000
25 to 26	1,150,000	1,150,000	2,300,000
26 to 27	1,200,000	1,200,000	2,400,000
27 to 28	1,250,000	1,250,000	2,500,000
28 to 29	1,300,000	1,300,000	2,600,000
29 to 30	1,350,000	1,350,000	2,700,000
30 to 31	1,400,000	1,400,000	2,800,000
31 to 32	1,450,000	1,450,000	2,900,000
32 to 33	1,500,000	1,500,000	3,000,000
33 to 34	1,550,000	1,550,000	3,100,000
34 to 35	1,600,000	1,600,000	3,200,000
35 to 36	1,650,000	1,650,000	3,300,000
36 to 37	1,700,000	1,700,000	3,400,000
37 to 38	1,750,000	1,750,000	3,500,000
38 to 39	1,800,000	1,800,000	3,600,000
39 to 40	1,850,000	1,850,000	3,700,000
40 to 41	1,900,000	1,900,000	3,800,000
41 to 42	1,950,000	1,950,000	3,900,000
42 to 43	2,000,000	2,000,000	4,000,000
43 to 44	2,050,000	2,050,000	4,100,000
44 to 45	2,100,000	2,100,000	4,200,000
45 to 46	2,150,000	2,150,000	4,300,000
46 to 47	2,200,000	2,200,000	4,400,000
47 to 48	2,250,000	2,250,000	4,500,000
48 to 49	2,300,000	2,300,000	4,600,000
49 to 50	2,350,000	2,350,000	4,700,000
50 to 51	2,400,000	2,400,000	4,800,000
51 to 52	2,450,000	2,450,000	4,900,000
52 to 53	2,500,000	2,500,000	5,000,000
53 to 54	2,550,000	2,550,000	5,100,000
54 to 55	2,600,000	2,600,000	5,200,000
55 to 56	2,650,000	2,650,000	5,300,000
56 to 57	2,700,000	2,700,000	5,400,000
57 to 58	2,750,000	2,750,000	5,500,000
58 to 59	2,800,000	2,800,000	5,600,000
59 to 60	2,850,000	2,850,000	5,700,000
60 to 61	2,900,000	2,900,000	5,800,000
61 to 62	2,950,000	2,950,000	5,900,000
62 to 63	3,000,000	3,000,000	6,000,000
63 to 64	3,050,000	3,050,000	6,100,000
64 to 65	3,100,000	3,100,000	6,200,000
65 to 66	3,150,000	3,150,000	6,300,000
66 to 67	3,200,000	3,200,000	6,400,000
67 to 68	3,250,000	3,250,000	6,500,000
68 to 69	3,300,000	3,300,000	6,600,000
69 to 70	3,350,000	3,350,000	6,700,000
70 to 71	3,400,000	3,400,000	6,800,000
71 to 72	3,450,000	3,450,000	6,900,000
72 to 73	3,500,000	3,500,000	7,000,000
73 to 74	3,550,000	3,550,000	7,100,000
74 to 75	3,600,000	3,600,000	7,200,000
75 to 76	3,650,000	3,650,000	7,300,000
76 to 77	3,700,000	3,700,000	7,400,000
77 to 78	3,750,000	3,750,000	7,500,000
78 to 79	3,800,000	3,800,000	7,600,000
79 to 80	3,850,000	3,850,000	7,700,000
80 to 81	3,900,000	3,900,000	7,800,000
81 to 82	3,950,000	3,950,000	7,900,000
82 to 83	4,000,000	4,000,000	8,000,000
83 to 84	4,050,000	4,050,000	8,100,000
84 to 85	4,100,000	4,100,000	8,200,000
85 to 86	4,150,000	4,150,000	8,300,000
86 to 87	4,200,000	4,200,000	8,400,000
87 to 88	4,250,000	4,250,000	8,500,000
88 to 89	4,300,000	4,300,000	8,600,000
89 to 90	4,350,000	4,350,000	8,700,000
90 to 91	4,400,000	4,400,000	8,800,000
91 to 92	4,450,000	4,450,000	8,900,000
92 to 93	4,500,000	4,500,000	9,000,000
93 to 94	4,550,000	4,550,000	9,100,000
94 to 95	4,600,000	4,600,000	9,200,000
95 to 96	4,650,000	4,650,000	9,300,000
96 to 97	4,700,000	4,700,000	9,400,000
97 to 98	4,750,000	4,750,000	9,500,000
98 to 99	4,800,000	4,800,000	9,600,000
99 to 100	4,850,000	4,850,000	9,700,000
100 to 101	4,900,000	4,900,000	9,800,000
101 to 102	4,950,000	4,950,000	9,900,000
102 to 103	5,000,000	5,000,000	10,000,000

1910
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School Slates.

List Sept. 9, 1897.

Sizes.....	4x6	5x7	6x9	6½x10	7x11	8x12	9x13	9½x14	Asst'd 1	Asst'd 2
Case contains..... Doz.	24	18	12	12	10	8	6	5	11½	10
List price..... Per Doz.	\$0.45	0.50	0.72	0.75	0.80	1.00	1.20	1.60	---	---
..... Per Case.	10.80	9.00	8.64	9.00	8.00	8.00	7.20	8.00	9.50	7.50

Noiseless.

Case contains..... Single Doz.	---	18	12	---	10	8	6	---	9 doz.	---
..... Double " "	---	9	6	---	5	4	3	---	4½ " "	---
Price, single..... Per Doz.	---	2.40	3.00	---	3.60	4.20	4.80	---	---	---
..... double..... " " "	---	4.80	6.00	---	7.20	8.40	9.60	---	---	---
..... single..... Per Case.	---	43.20	36.00	---	36.00	33.60	28.80	---	---	28.80
..... double..... " " "	---	43.20	36.00	---	36.00	33.60	28.80	---	---	28.80

German Snaps.

Per Gross.

Eyes, inch long	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Bronzed.....	\$1.80	2.20	2.40	2.40	2.40	4.20	5.50	7.00	8.00
Tinned.....	2.12	2.60	3.00	3.00	3.00	5.20	6.50	8.00	9.00

Scythe Snaths.

List Aug. 1, 1903.
Per Doz.*Grass.*

New No.	Old No.		
45,	000,	Pat. Loop, Adj. Socket, Brass Trimmed.....	\$12.75
50,	00,	" " " Iron " ".....	12.00
55,	00,	Solid Plate, Iron Trimmed.....	11.50
60,	000,	Pat. Loop, Adj. Socket, Cherry, Brass Trimmed.....	18.00
65,	00,	" " " Iron " ".....	17.00
70,	02,	Flat or Z Plate, Iron Trimmed.....	10.00
75,	1,	Ring Fastening, Slide Socket, Brass Trimmed.....	10.00
80,	2,	" " " Socket, Iron Trimmed.....	9.50

Bush.

100,	Two Ring.....	\$12.50
105,	Pat. Loop.....	13.50

Dutch, Mulay, Telegraph or Jersey Bend, \$1.25 extra.

The same with wire brace, \$1.75 extra.

Straight Snaths, same list as Bent Snaths of like trimmings.

Painted Snaths advance 25 cents net per doz.

Carriage and Wagon Spring Extras

Springs.		
Ribbed.....	$\frac{1}{4}$	cent per lb.
Cast Steel.....	3	" "
French Scroll and Platform Coach.....	$1\frac{1}{2}$	" "
Elliptic two plate.....	2	" "
Elliptic 31 in. to 33 in. long.....	1	" "
Elliptic 28 in. to 30 in. long.....	2	" "
Elliptic, less than 28 in. long.....	3	" "
Springs made from $1\frac{1}{2}$ in. steel.....	1	" "
Graded to and including No. 5 steel.....	1	" "
Graded to and including No. 6 steel.....	2	" "
Brewster and Top without shackles.....	$\frac{1}{2}$	" "
Longitudinal.....	1	" "
With Scroll or Curved ends.....	$\frac{1}{2}$	" "
With Plates bent edgewise (for each bend).....	$\frac{1}{2}$	" "
Lipped.....	1	" per lip
Rust Proof.....	3	" per lb.
With riveted plates.....	10	" per rivet
Open Head, Rubber and Brass Bushed, round nut.....	75	" per pair
Open Head, Steel or Fibre Bushed, square nuts.....	40	" "
Open Head, without Bushing.....	25	" "
Round nuts if not with Rubber Bushing.....	$2\frac{1}{2}$	" each.

Straight and Bent Trimmers.

Steel Laid

Full Length, Inch.	6	6½	7	7½	8	8½	9	10	11	12	13
Straight Trimmers,											
Japanned.....	\$12.00	13.00	14.00	15.00	16.00	17.00	19.00	25.00	30.00	33.00	36.00
*Full nickel.....	17.50	18.50	19.50	20.50	21.50	23.50	25.50	31.50	42.00	46.00	50.00
Bent Trimmers, Japanned..	13.00	14.00	15.00	16.00	17.00	20.00	22.00	27.00	33.00	36.00	40.00
*Bent Trimmers, full nickel.	18.50	19.50	20.00	21.50	23.50	26.50	28.50	35.50	46.50	50.00	54.00

* Some lists the same as for Japanned.

Tinners' Shears and Snips.

Snips, Straight Cut, Bow or Straight Handles.

Nos.	6½	7	8	9	10				
Cut, inches	4½	4	3½	3	2½	---	---	---	---
Each	\$3.00	2.50	2.00	1.50	1.40	---	---	---	---

German Pattern.

Nos.	1	2	3	4	5	6	---	---	---
Cut, inches	4½	4	3½	3¼	3	2½	---	---	---
Each	\$3.00	2.50	2.00	1.75	1.50	1.40	---	---	---

Circular.

Nos.	6½	7	8	9	10				
Cut, inches	4½	4	3½	3	2½	---	---	---	---
Each	\$4.25	3.50	3.00	2.50	2.25	---	---	---	---

Bench Shears.

Nos.	00	0	1	2	3	4	5	6	Elbow	Elbow	Elbow
Cut, inches	12	10½	9	8½	8¾	8	7	6	4	6	7½
Each	\$13.50	12.00	8.00	7.00	6.00	5.00	4.00	3.50	5.25	12.00	25.00



Steel Squares.

List Jan. 5, 1900.

Eagle Square Mfg. Co.
Peck, Stow & Wilcox Co
Russell & Erwin Mfg. Co
Sargent & Co.
Southington Cutlery Co.

Comparative Numbers.

S. & Co. Polished.	P., S. & W. Co. S. C. Co.	R. & E. Mfg. Co.	E. Sq. Mfg. Co. Nos.	Per doz.
100	100	100	100	\$40.00
1	1	1	1	33.00
2	2	2	2	30.00
2½	2½	2½	2½	28.00
3	3	3	3	27.50
4	4	4	4	26.50
5	5	5	5	25.50
6	6	6	6	24.50
7	7	7	7	23.50
8	8	8	8	24.00
9	9	9	9	22.00
13	13	13	13	23.50
14	14	14	14	23.00
15	15	15	15	300.00
16	---	---	*	75.00
10	10	10	10	20.00
11	11	11	11	19.00
12	12	12	12	23.00
52	---	---	---	36.00
40	---	---	---	15.00
41	---	---	---	14.00
---	31	---	31	10.00
---	32	---	32	12.00
---	34	34	34	16.00

For Bluing add \$3.00 per doz. net to Polished list.

Nickeled.

200	0100	100	100	\$50.00
101	01	1	1	42.00
102	02	2	2	38.00
102½	02½	2½	2½	36.00
103	03	3	3	35.00
104	04	4	4	34.00
105	05	5	5	33.00
106	06	6	6	32.00
107	07	7	7	31.00
108	08	8	8	31.50
109	09	9	9	29.50
113	013	13	13	30.50
114	014	14	14	30.00
115	015	15	15	325.00
116	---	---	*	85.00
110	010	10	10	26.00
111	011	11	11	25.00
112	012	12	12	29.00
152	---	---	---	45.00
140	---	---	---	17.00
141	20	---	---	16.00

* E. Sq. Mfg. Co., No. 16, Pol., \$33.00; No. 16, Nick., \$39.00.

Iron Squares.

List Jan. 5, 1900.

1 and 21.....\$9.00	P., S. & W. Co., S. C. Co., E. Sq. Mfg. Co. and R. & E. Mfg. Co. use Nos. 1, 2 and 4; and S. & Co. Nos. 21, 22 and 24.
2 and 22.....11.00	
4 and 24.....12.50	

Try Squares.

Price per dozen.

HANDLE.....	2	3	4	4½	6	7½	8	9	10	12 inch.
Iron.....	2.25	....	2.75	....	3.50	....	4.50	....	5.50	7.00
Combined Try and Miter, Rosew'd Hdle..	4.50	5.00	6.00	....	7.00	....	8.00	....	9.00	....

Soft Steel.

List Dec., 1903.

Round and Square Steel, $\frac{1}{4}$ to 3 in.
 Bars and Bands, 1 to 6 in. x $\frac{3}{8}$ to 1 in. } Base
Extras per 100 Pounds. sizes.

Round and Square Steel.

	Extra.
$\frac{3}{8}$ and $\frac{1}{2}$ inch-----	\$0.10
$\frac{1}{2}$ and $\frac{9}{16}$ "-----	.20
$\frac{7}{16}$ "-----	.40
$\frac{3}{8}$ "-----	.50
$\frac{1}{2}$ "-----	.60
$\frac{1}{4}$ and $\frac{3}{8}$ "-----	.70
$\frac{3}{4}$ "-----	1.00
$\frac{1}{2}$ "-----	2.00
$3\frac{1}{16}$ inches to $3\frac{1}{2}$ inches---	.15
$3\frac{1}{8}$ " to 4 "-----	.25
$4\frac{1}{8}$ " to $4\frac{1}{2}$ "-----	.30
$4\frac{9}{16}$ " to 5 "-----	.40
$5\frac{1}{8}$ " to $5\frac{1}{2}$ "-----	.50
$5\frac{3}{8}$ " to 6 "-----	.75
$6\frac{1}{8}$ " to $6\frac{1}{2}$ "-----	1.00
$6\frac{3}{8}$ " to $7\frac{1}{4}$ "-----	1.25

For intermediate sizes, the
 next highest extra is charged.

Oval Steel.

	Extra.
$\frac{7}{8}$ inch to $1\frac{1}{4}$ inch-----	\$0.40
$\frac{3}{4}$ " to $\frac{13}{16}$ "-----	.50
$\frac{5}{8}$ " to $\frac{11}{16}$ "-----	.60
$\frac{1}{2}$ " to $\frac{9}{16}$ "-----	.80
$\frac{3}{8}$ " to $\frac{7}{16}$ "-----	1.00

For intermediate sizes, the
 next highest extra is charged.

Half Oval and Half Round Steel.

	Extra
$\frac{7}{8}$ inch and larger-----	\$0.50
$\frac{3}{4}$ " to $\frac{13}{16}$ inch-----	.60
$\frac{5}{8}$ " to $\frac{11}{16}$ "-----	.70
$\frac{1}{2}$ " to $\frac{9}{16}$ "-----	.90
$\frac{3}{8}$ " to $\frac{7}{16}$ "-----	1.10

For intermediate sizes the
 next highest extra is charged.

Flat Bars and Heavy Bands.

	Extra.
1 to 6 inches x $\frac{1}{4}$ and $\frac{5}{16}$ inch-----	\$0.20
$\frac{11}{16}$ to $\frac{15}{16}$ " x $\frac{3}{8}$ to $\frac{3}{4}$ "-----	.40
$\frac{11}{16}$ to $\frac{15}{16}$ " x $\frac{1}{4}$ and $\frac{5}{16}$ "-----	.50
$\frac{9}{16}$ and $\frac{5}{8}$ " x $\frac{3}{8}$ to $\frac{1}{2}$ "-----	.50
$\frac{9}{16}$ and $\frac{5}{8}$ " x $\frac{1}{4}$ and $\frac{5}{16}$ "-----	.70
$\frac{1}{2}$ " x $\frac{3}{8}$ and $\frac{7}{16}$ "-----	.90
$\frac{1}{2}$ " x $\frac{1}{4}$ and $\frac{5}{16}$ "-----	1.10
$\frac{7}{16}$ " x $\frac{3}{8}$ "-----	1.00
$\frac{7}{16}$ " x $\frac{1}{4}$ and $\frac{5}{16}$ inch-----	1.20
$\frac{7}{16}$ " x $\frac{1}{4}$ and $\frac{5}{16}$ "-----	1.50
$1\frac{3}{8}$ to 6 inches x $1\frac{1}{16}$ to $1\frac{3}{8}$ inches-----	.10
$1\frac{1}{8}$ to 6 " x $1\frac{1}{4}$ to $1\frac{1}{2}$ "-----	.20
$1\frac{3}{4}$ to 6 " x $1\frac{3}{8}$ to $2\frac{3}{4}$ "-----	.30
$3\frac{1}{8}$ to 6 " x 3 to 4 "-----	.40

For intermediate sizes, the next highest
 extra is charged.

Light Bars and Bands.

	Nos.	Extra.
$1\frac{1}{2}$ to 6 in. x 7, 8, 9 and $\frac{3}{16}$ in-----		\$0.40
$1\frac{1}{2}$ to 6 " x 10, 11, 12 and $\frac{1}{8}$ in-----		.60
1 to $1\frac{7}{16}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		.50
1 to $1\frac{7}{16}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		.70
$\frac{13}{16}$ to $\frac{15}{16}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		.70
$\frac{13}{16}$ to $\frac{15}{16}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		.80
$\frac{11}{16}$ and $\frac{3}{4}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		1.00
$\frac{11}{16}$ and $\frac{3}{4}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		1.20
$\frac{9}{16}$ and $\frac{5}{8}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		1.20
$\frac{9}{16}$ and $\frac{5}{8}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		1.30
$\frac{7}{16}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		1.30
$\frac{7}{16}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		1.50
$\frac{7}{16}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		1.80
$\frac{7}{16}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		2.10
$\frac{3}{8}$ " x 7, 8, 9 and $\frac{3}{16}$ in-----		1.90
$\frac{3}{8}$ " x 10, 11, 12 and $\frac{1}{8}$ in-----		2.40

For intermediate sizes the next highest
 extra is charged.

Extras for Cutting Flats, Rounds, Squares, Ovals, and Half Rounds, to Specified Lengths.

	Extra.
Hot Sawing or Shearing, 24 inches and longer bars-----	\$0.10
Hot Sawing or Shearing, 12 to 24 inches-----	.20
Hot Shearing, under 12 inches-----	.30
Machine Cutting, specified lengths, above 24 inches-----	.20
Machine Cutting, specified lengths, 12 to 24 inches-----	.40

Machine Cutting to specified lengths,
 less than 12 inches, according to con-
 tract, but not less than 60c. extra on
 each size.

No charge for Shear Cutting to multiple
 lengths of 12 inches and under.

No extra charge for Shearing to lengths
 of 5 feet and over.

Machine Straightening and Centering.

Machine Straightening and Center- ing-----	\$0.40
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Machine Straightening alone, for ordinary sizes-----	.20
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Hoops and Bands. List Jan. 2, 1903.

Extras, Cents per Pound.

Soft Steel Hoops.

Soft Steel Hoops,

Continued.

Width in Inches.	English Standard Gauge.	Extra.
$1\frac{7}{8}$ to 3,	Nos. 13, 14, 15 and 16	\$0.10
$1\frac{7}{8}$ to 2,	" 17, 18 and 19	.15
$1\frac{7}{8}$ to 2,	" 20	.20
$1\frac{7}{8}$ to 2,	" 21	.25
$1\frac{7}{8}$ to $1\frac{3}{4}$,	" 22	.35
$1\frac{7}{8}$ to $1\frac{3}{8}$,	" 13, 14 and 15	.15
$1\frac{7}{8}$ to $1\frac{3}{8}$,	" 16, 17 and 18	.20
$1\frac{7}{8}$ to $1\frac{3}{8}$,	" 19 and 20	.25
$1\frac{7}{8}$ to $1\frac{3}{8}$,	" 21	.30
$1\frac{7}{8}$ to $1\frac{3}{8}$,	" 22	.40
$1\frac{7}{8}$ and 1,	" 13, 14 and 15	.20
$1\frac{7}{8}$ and 1,	" 16, 17 and 18	.25
$1\frac{7}{8}$ and 1,	" 19 and 20	.30
$1\frac{7}{8}$ and 1,	" 21	.35
$1\frac{7}{8}$ and 1,	" 22	.45
$1\frac{7}{8}$ and 1,	" 23	.55
$1\frac{7}{8}$ and 1,	" 24	.65
$\frac{7}{8}$,-----	" 13, 14 and 15	.30
$\frac{7}{8}$,-----	" 16, 17 and 18	.35
$\frac{7}{8}$,-----	" 19 and 20	.40
$\frac{7}{8}$,-----	" 21	.45
$\frac{7}{8}$,-----	" 22	.55
$\frac{7}{8}$,-----	" 23	.65
$\frac{7}{8}$,-----	" 24	.75
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 13, 14 and 15	.40
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 16, 17 and 18	.45
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 19 and 20	.50
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 21	.55
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 22	.60
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 23	.70
$\frac{3}{4}$ and $1\frac{3}{8}$,	" 24	.80
$\frac{3}{4}$,-----	" 13, 14 and 15	.45
$\frac{3}{4}$,-----	" 16, 17 and 18	.50
$\frac{3}{4}$,-----	" 19 and 20	.60
$\frac{3}{4}$,-----	" 21	.70
$\frac{3}{4}$,-----	" 22	.80
$\frac{3}{4}$,-----	" 23	.90
$\frac{3}{4}$,-----	" 24	1.00
$\frac{5}{8}$,-----	" 13, 14 and 15	.50
$\frac{5}{8}$,-----	" 16, 17 and 18	.55
$\frac{5}{8}$,-----	" 19 and 20	.65
$\frac{5}{8}$,-----	" 21	.75
$\frac{5}{8}$,-----	" 22	.85
$\frac{5}{8}$,-----	" 23	.95
$\frac{5}{8}$,-----	" 24	1.05
$\frac{9}{16}$,-----	" 13, 14 and 15	.55
$\frac{9}{16}$,-----	" 16, 17 and 18	.60
$\frac{9}{16}$,-----	" 19 and 20	.70
$\frac{9}{16}$,-----	" 21	.80
$\frac{9}{16}$,-----	" 22	.90
$\frac{9}{16}$,-----	" 23	1.00
$\frac{9}{16}$,-----	" 24	1.10
$\frac{1}{2}$,-----	" 13, 14 and 15	.65
$\frac{1}{2}$,-----	" 16, 17 and 18	.70
$\frac{1}{2}$,-----	" 19 and 20	.80
$\frac{1}{2}$,-----	" 21	.90
$\frac{1}{2}$,-----	" 22	1.00
$\frac{1}{2}$,-----	" 23	1.10

Width in Inches.	English Standard Gauge.	Extra.
$\frac{1}{2}$,-----	No. 24	\$1.20
$\frac{1}{8}$,-----	" 13, 14 and 15	.90
$\frac{1}{8}$,-----	" 16, 17 and 18	1.00
$\frac{1}{8}$,-----	" 19 and 20	1.10
$\frac{3}{8}$,-----	" 13, 14 and 15	1.10
$\frac{3}{8}$,-----	" 16, 17 and 18	1.20
$\frac{3}{8}$,-----	" 19 and 20	1.30

Wide Sizes, Hoops and Bands.

Width in Inches.	English Standard Gauge.	Extra.
$2\frac{1}{8}$ to 3 by	No. 17	\$0.20
" " "	" 18	.25
" " "	" 19	.30
" " "	" 20	.35
$3\frac{1}{8}$ " 4	" 13	.10
" " "	" 14	.15
" " "	" 15	.20
" " "	" 16	.25
" " "	" 17	.35
" " "	" 18	.50
$4\frac{1}{8}$ " 5	" 13	.15
" " "	" 14	.20
" " "	" 15	.30
" " "	" 16	.40
$5\frac{1}{4}$ " 7	" 13	.20
" " "	" 14	.25
$5\frac{1}{4}$ " 6	" 15	.35
" " "	" 16	.45
$7\frac{1}{2}$ " 8	" $\frac{1}{4}$ and $\frac{5}{16}$	.10
" " "	No. 9 to $\frac{3}{16}$	.15
" " "	" 10, 11 and 12	.20
" " "	" 13	.25
" " "	" 14	.35

Stone and Marble Saw Blades,

Cut to Length and Straightened.

Width in Inches.	English Standard Gauge.	Extra.
$1\frac{1}{2}$ to 7,	Nos. 7, 8, 9 or $\frac{3}{16}$ in	\$0.10
$1\frac{1}{2}$ to 7,	" 10, 11, 12 or $\frac{1}{8}$ in	.15

ADDITIONAL EXTRAS.

For cutting hoops or bands to special lengths not less than two feet	.05
For cutting hoops or bands less than two feet	.20
For rounding one end of cut hoop	.05
For rounding both ends of cut hoop	.10
For each gauge lighter than indicated on list	.10
For intermediate gauges, the extra for next lightest gauge is charged.	

Spring, Tire and Toe Calk Steel.

List Nov. 10, 1899.

Flat Spring Steel.

1 1/4 to 6 inches x No. 4 to 1/2 in.	Base
	Extra.
1 and 1 1/8 inches x No. 1 to 4 in.	\$0.20
1 to 3 " x No. 5 to 7 "	.50
3/4 and 1 1/8 " x No. 1 to 7 "	.50
3/8 to 1 1/8 " x No. 1 to 7 "	1.00
3/4 to 3 " x No. 8 to 10 "	1.00
3/4 to 3 " x No. 11 to 16 "	1.50
3/4 to 3 " x No. 17 to 20 "	2.20
3/8 to 3/8 " x No. 10 to 16 "	4.00
3/8 to 3/8 " x No. 17 to 20 "	5.00

Cut to length, 24 inches and over, 10c. per 100 pounds extra, and under, by special contract.

Steel Tire.

All sizes 3/4 inch x 3/16 inch and larger, Base.

Extra on sizes less than 3/4 inch wide and less than 3/16 thick, as per Bar Steel Classification.

Standard lengths, 12 1/2 and 13 1/2 feet.

Round Spring Steel.

3/8 to 1 1/2 inches	Base
	Extra.
1/2 to 9/16 inch	\$0.20
3/8 to 7/8 " "	.50
5/16 inch	1.00
1/4 " "	1.50

Spirals cut to lengths, 10c. per 100 pounds extra.

Spirals cut to lengths and tapered, 30c. per 100 pounds extra.

Toe Calk Steel.

1/2 x 3/8 inch and larger	Base sizes
	Extra.
1/4 to 1/2 x 3/16 inch inclusive	\$2.00
3/8 to 1 x 3/16 " "	1.00
5/16 to 3/8 x 1/4 " "	1.50
1/8 to 1 x 1/4 " "	.75
3/8 to 7/8 x 3/16 " "	.75
5/16 x 1/2 to 1 " "	.50
3/8 x 7/8 inch	.75
3/8 inch square	.75
5/16 " "	1.00
1/4 " "	2.00

Scale Beams.

Pounds.	Each.	Pounds.	Each.
100	\$1.50	450	\$3.20
150	1.50	500	3.50
200	1.60	600	4.00
250	1.90	700	4.66
300	2.10	800	5.30
360	2.50	1000	6.66
400	2.90	1200	8.00

Steelyards.

Price per dozen.

Pounds.....	50	100	150	200	250	300
Steel Bar.....	\$6.00	7.00	9.00	10.00	11.00	12.00
"Excelsior" or "Farmers" ..	9.00	10.00	12.00	15.00	18.00	21.00

STANDARD TEST METHOD

TEST

1. The test is performed on a standard test specimen of the material being tested. The specimen is prepared in accordance with the standard test method. The specimen is then subjected to a tensile test. The test is performed at a constant rate of loading. The test is continued until the specimen has reached its ultimate tensile strength. The test is then terminated. The test results are then recorded and analyzed.

QUALITY INSPECTION

1. The quality inspection is performed on the test specimen. The inspection is performed in accordance with the standard test method. The inspection is performed at a constant rate of loading. The inspection is continued until the specimen has reached its ultimate tensile strength. The inspection is then terminated. The inspection results are then recorded and analyzed.

INTERPRETATION

1. The interpretation of the test results is performed in accordance with the standard test method. The interpretation is performed at a constant rate of loading. The interpretation is continued until the specimen has reached its ultimate tensile strength. The interpretation is then terminated. The interpretation results are then recorded and analyzed.

2. The interpretation of the test results is performed in accordance with the standard test method. The interpretation is performed at a constant rate of loading. The interpretation is continued until the specimen has reached its ultimate tensile strength. The interpretation is then terminated. The interpretation results are then recorded and analyzed.

3. The interpretation of the test results is performed in accordance with the standard test method. The interpretation is performed at a constant rate of loading. The interpretation is continued until the specimen has reached its ultimate tensile strength. The interpretation is then terminated. The interpretation results are then recorded and analyzed.

Steel Bars and Shapes. List Dec., 1903.

Extras Per 100 Pounds.

HEXAGONS.

$\frac{3}{4}$ inch and larger	Base
	Extra.
$\frac{5}{8}$ and $\frac{11}{16}$ inch	\$0.20
$\frac{1}{2}$ and $\frac{9}{16}$ inch	.40
$\frac{7}{16}$ inch	.80
$\frac{3}{8}$ inch	1.00
$\frac{5}{16}$ inch	1.20

For intermediate sizes, the next highest extra is charged.

ANGLES.

$1\frac{1}{2} \times \frac{3}{16}$ inches and heavier, but under 3 inches	Base
	Extra.
1 to $1\frac{1}{4} \times \frac{3}{16}$ inches and heavier	\$0.10
$\frac{7}{8} \times \frac{3}{16}$ inch	.20
$\frac{3}{4} \times \frac{3}{16}$ inch	.30
$\frac{5}{8} \times \frac{3}{16}$ inch	2.00
$\frac{1}{2} \times \frac{3}{16}$ inch	3.00
3 x 3 in. x less than $\frac{1}{4}$ in. thick	.50
Angles $\frac{3}{4}$ in. and larger, but smaller than 3 in., $\frac{1}{8}$ in. thick, .10 over $\frac{3}{16}$ in.	

For intermediate sizes, the next highest extra is charged.

CHANNELS.

$1\frac{1}{2} \times \frac{3}{16}$ inches and heavier, but under 3 inches	Base
	Extra.
1 to $1\frac{1}{4} \times \frac{3}{16}$ inches and heavier	\$0.10
$\frac{7}{8} \times \frac{3}{16}$ inch	.20
$\frac{5}{8}$ and $\frac{3}{4} \times \frac{3}{16}$ inch	.30
$\frac{3}{8} \times \frac{3}{16}$ inch	.60
$\frac{1}{2} \times \frac{3}{16}$ inch and thicker	1.00
Channels $\frac{3}{4}$ in. and wider, but under 3 in., $\frac{1}{8}$ in. thick	.10 over $\frac{3}{16}$ in.

For intermediate sizes, the next highest extra is charged.

TEES.

$1\frac{1}{2} \times \frac{3}{16}$ inches and heavier, but under 3 inches	Base
	Extra.
$1\frac{1}{4} \times \frac{3}{16}$ inches and heavier	\$0.10
1 to $1\frac{1}{8} \times \frac{3}{16}$ inches and heavier	.20
$\frac{7}{8} \times \frac{1}{8}$ inch and thicker	.50
$\frac{3}{4} \times \frac{1}{8}$ inch and thicker	.60
$\frac{5}{8} \times \frac{3}{8}$ inch and thicker	2.00
Tees 1 in. and larger, but smaller than 3 in., $\frac{3}{4}$ in. thick, .10 over $\frac{3}{16}$ in.	

For intermediate sizes, the next highest extra is charged.

QUANTITY DIFFERENTIALS.

All specifications for less than 2,000 pounds of a size, subject to the following extras, the total weight of a size to determine the extra, regardless of length and regardless of exact quantity actually shipped:

Quantities less than 2,000 pounds—	
but not less than 1,000 pounds	\$.20
Quantities less than 1,000 pounds	0.60

All sizes not enumerated, subject to special arrangement.

Tool Steel.

All Dimensions Inclusive.

Extras in Tenths of a Cent per Pound.

Round, Square and Octagon.

$\frac{5}{8}$ to 2 inches__Base.

	Extra		Extra
$2\frac{1}{8}$ to 3-----	1.0	$\frac{9}{16}$ to $\frac{1}{2}$ inch -----	0.5
$3\frac{1}{8}$ to 4-----	1.5	$\frac{1}{2}$ to $\frac{3}{8}$ -----	1.0
$4\frac{1}{8}$ to 5-----	2.0	$\frac{5}{8}$ and $\frac{11}{32}$ -----	2.0
$5\frac{1}{8}$ to 6-----	2.5	$\frac{1}{4}$ and $\frac{9}{32}$ -----	3.0
$6\frac{1}{8}$ to 7-----	3.0	$\frac{3}{8}$ special only-----	5.0
$7\frac{1}{8}$ to 8-----	3.5	$\frac{1}{2}$ -----	10.0
$8\frac{1}{8}$ to 9-----	4.0		
$9\frac{1}{8}$ to 10-----	5.0		

Hexagon, 1 cent above price of Octagon.

Flat.

$\frac{5}{8}$ to 2 inches thick x $\frac{9}{16}$ to 2 inches wide__Base.

	Extra		Extra
$\frac{1}{8}$ x $\frac{3}{16}$ -----	20.0	$\frac{5}{8}$ x $\frac{3}{8}$ to $\frac{5}{8}$ -----	1.5
$\frac{1}{8}$ x $\frac{1}{4}$ -----	15.0	$\frac{1}{2}$ x $\frac{1}{4}$ to 8-----	1.0
$\frac{1}{8}$ x $\frac{5}{16}$ -----	8.0	$\frac{3}{8}$ x $\frac{7}{16}$ to 8-----	1.0
$\frac{1}{8}$ x $\frac{3}{8}$ -----	4.0	$\frac{7}{16}$ x $\frac{1}{2}$ to 8-----	1.0
$\frac{1}{8}$ x $\frac{7}{16}$ to $\frac{1}{2}$ -----	3.0	$\frac{1}{2}$ x $\frac{9}{16}$ to 8-----	1.0
$\frac{1}{8}$ x $\frac{9}{16}$ to 7-----	2.0	$\frac{9}{16}$ x $2\frac{1}{8}$ to 8-----	1.0
$\frac{1}{8}$ x $\frac{1}{6}$ to 8-----	3.0	$\frac{5}{8}$ to 2 inch x $2\frac{1}{8}$ to 7 "-----	1.0
$\frac{3}{16}$ x $\frac{1}{4}$ -----	5.0	$\frac{5}{8}$ to $1\frac{3}{4}$ " x $7\frac{1}{8}$ to 8 "-----	1.0
$\frac{3}{16}$ x $\frac{5}{16}$ -----	4.0	$1\frac{1}{8}$ to 2 " x $7\frac{1}{8}$ to 8 "-----	1.5
$\frac{3}{16}$ x $\frac{3}{8}$ -----	3.0	$2\frac{1}{8}$ to 3 " x $2\frac{1}{8}$ to 5 "-----	1.0
$\frac{3}{16}$ x $\frac{7}{16}$ to $\frac{5}{8}$ -----	2.0	$2\frac{1}{8}$ to 3 " x $5\frac{1}{8}$ to 8 "-----	1.5
$\frac{3}{16}$ x $\frac{11}{16}$ to 2-----	1.5	$3\frac{1}{8}$ to 4 " x $3\frac{1}{8}$ to 6 "-----	1.5
$\frac{3}{16}$ x $2\frac{1}{8}$ to 7-----	1.0	$3\frac{1}{8}$ to 4 " x $6\frac{1}{8}$ to 8 "-----	2.0
$\frac{3}{16}$ x $7\frac{1}{8}$ to 8-----	2.0	$4\frac{1}{8}$ to 5 " x $4\frac{1}{8}$ to 7 "-----	2.0
$\frac{1}{4}$ x $\frac{5}{16}$ to $\frac{3}{8}$ -----	2.0	$4\frac{1}{8}$ to 5 " x $7\frac{1}{8}$ to 8 "-----	2.5
$\frac{1}{4}$ x $\frac{7}{16}$ to $\frac{5}{8}$ -----	1.5	$5\frac{1}{8}$ to 6 " x $5\frac{1}{8}$ to 8 "-----	2.5
$\frac{1}{4}$ x $\frac{9}{16}$ to 2-----	1.5	$6\frac{1}{8}$ to 7 " x $6\frac{1}{8}$ to 7 "-----	3.0
$\frac{1}{4}$ x $\frac{11}{16}$ to 2-----	1.0	$6\frac{1}{8}$ to 8 " x $7\frac{1}{8}$ to 8 "-----	3.5
$\frac{1}{4}$ x $2\frac{1}{8}$ to 7-----	1.0		
$\frac{1}{4}$ x $7\frac{1}{8}$ to 8-----	2.0		

Unenumerated sizes at price of the next larger on the list.

Cutting to Multiples and Specified Lengths.

24 inches or over----- $\frac{1}{2}$ cent per pound

Shorter than 24 inches, contract.





Blacksmiths' Stocks and Dies.

Nos.	Each.	No.	Each.	No.	Each.	No.	Each.
1	\$60.00	19c	10.50	34	4.50	41e	3.25
2	60.00	21	6.00	34a	4.50	42	3.50
3	45.00	23	5.00	34b	4.50	42a	3.50
4	45.00	23a	5.00	34c	4.50	45	5.50
5	35.00	23b	5.00	35	4.00	47	5.50
5½	35.00	25	6.50	37	4.25	47a	5.00
6	20.00	27	6.50	37a	4.25	47b	5.50
7	12.00	27a	6.50	37b	4.25	49	4.50
9	12.00	27b	7.50	37c	4.25	51	4.50
11	10.00	27c	8.50	38	4.50	51a	4.00
15	10.00	27d	9.50	41	3.25	51b	4.50
17	9.00	32	5.00	41a	3.25	53	2.75
19	9.00	32a	5.00	41b	3.25	53a	2.75
19a	9.00	32b	5.00	41c	3.25	55	2.50
19b	9.00	33	4.00	41d	3.25	60	6.50

Malleable Stocks and Dies. Price each.

For Pipe.

Nos.	With Solid Dies.				—With Leader		Screw.—
	0	1	1½	1¾	2	Two Arm.	Four Arm.
Pipe sizes of Dies—	½, ¾, ¾, ½	¾, ¾, ½, ¾, 1	¾, 1, 1¼	1, 1¼, 1½	1½, 1½, 2	2½, 3	2½, 3
Dimensions of Dies	2 x ½	2½ x ¾	3 x ¾	3 x ¾	4 x ¾	5 x 1¼	5 x 1¼
Complete with R.H.							
Dies	\$9.50	15.00	13.50	13.50	20.00	43.00	51.00
Stocks only	3.50	5.00	6.00	6.00	9.50	25.00	33.00
Extra Dies, Ruff							
and Tuff	2.00	2.75	3.35	3.35	4.75	12.00	12.00
Extra Dies, Right							
or Left	1.50	2.00	2.50	2.50	3.50	9.00	9.00
Extra Guides .....	.25	.35	.45	.45	.60	1.00	1.00
Die Frames	----	.30	.40	.40	.50	.60	.60

Tacks.

Full, ½ and
¼ Weight.

List Jan. 15, 1899.
Cents per doz., papers.

FULL WEIGHT.

Oz.	½	¾	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
*Swedes Iron Tacks	245	265	285	305	325	345	360	440	560	680	800	920	1040	1160	1280	1400	1540	1680
*Tin'd Swedes Iron Tacks	---	---	460	470	480	490	500	600	740	920	1100	1280	1460	1640	1820	2000	2200	2400
Gimp and Lace Tacks	310	330	350	385	420	455	490	550	670	800	930	1065	1200	1360	1520	1680	1865	2050
Tin'd Gimp and Lace Tacks	---	---	525	550	575	600	650	710	850	990	1200	1410	1620	1840	2080	2320	2560	2800
Copper Tacks	112	112	112	130	140	160	180	200	252	336	420	504	588	672	756	840	924	1008

HALF WEIGHT.

Oz.	½	¾	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
*Swedes Iron Tacks	---	---	155	165	175	185	200	230	290	350	410	470	530	590	650	710	780	850
*Tin'd Swedes Iron Tacks	---	---	240	245	250	255	260	310	350	470	560	650	740	830	920	1010	1110	1210
Gimp and Lace Tacks	---	---	185	205	220	240	255	285	345	410	475	545	610	690	770	850	945	1035
Tin'd Gimp and Lace Tacks	---	---	275	285	300	310	335	365	435	505	610	715	820	930	1050	1170	1290	1410
American Cut Tacks (including Carpet)	---	---	95	105	115	125	135	150	180	220	260	300	340	380	420	460	500	540
Tinned American Cut Tacks (including Carpet)	---	---	170	175	180	185	190	210	250	300	365	430	495	560	625	690	755	820
Hungarian Nails, Am. Iron	---	---	---	---	---	---	59	75	92	110	125	150	170	185	200	220	---	---

QUARTER WEIGHT.

Oz.	½	¾	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
American Cut Tacks (including Carpet)	---	---	60	65	70	75	80	85	100	120	140	160	180	200	220	240	260	280
Tinned American Cut Tacks (including Carpet)	---	---	90	95	100	105	110	115	135	160	190	225	260	290	325	355	390	420

Tacks.

In Bulk and in
Pound Papers.

List Jan. 15, 1899.
Cents per pound.

IN BULK AND IN POUND PAPERS.

Oz.	½	¾	1	1½	2	2½	3	4	6	8	10	12	14	16	18	20	22	24
*Swedes Iron Tacks	415	370	320	240	185	160	145	130	115	100	95	90	85	80	80	80	80	80
*Tinned Swedes Iron Tacks	---	---	585	400	295	240	200	185	155	140	135	130	125	120	120	120	120	120
Gimp and Lace Tacks	---	---	400	320	255	220	195	160	140	120	115	110	105	100	100	100	100	100
Tinned Gimp and Lace Tacks	---	---	670	480	360	300	245	215	180	160	155	150	145	140	140	140	140	140
Copper and Brass Tacks	300	200	150	110	90	80	70	60	56	56	56	56	56	56	56	56	56	56
Copper and Brass Gimp Tacks	---	---	200	150	120	110	90	80	76	70	64	62	60	---	---	---	---	---
Leathered Carpet Tacks	---	---	---	---	---	---	---	84	67	59	55	50	---	---	---	---	---	---

For ½ lb. papers, where prices are not given add 4c. per pound to List. For ¼ lb. papers, where prices are not given, add 8c. per lb. to List. American Cut and American Carpet have same Bulk List as Swedes Cut and Carpet.

The following net extras are charged for goods in bulk in wooden boxes: 5 lb., ¾ c. per lb.; 10 lb., ½ c. per lb.; and 25 lb., ¼ c. per lb.

*All kinds except Gimp, Lace, Brush and Looking Glass.

List Jan. 15, 1899.
Cents per doz. papers.

Carpet Tacks.

Oz.	4	6	8	10	12	14	16
Steel Carpet Tacks, 2 oz. papers	--	120	120	120	120	120	120
" " " " " "	--	220	220	220	220	220	220
Tinned Steel Carpet Tacks, 2 oz. papers	--	160	160	160	160	160	160
Tinned Steel Carpet Tacks, 4 oz. papers	--	300	300	300	300	300	300
Leathered Carpet Tacks, 100 Count	40	44	47	50	54	57	60
Leathered Carpet Tacks, 144 Count	50	54	57	60	64	67	74

Miscellaneous Nails, Brads, &c.

List Jan. 15, 1899.

INCH.	Nails in Pound Papers or Bulk.							
	2	2½	3	3½	4	4½	5	5½
Finishing, Trunk and Clout Nails, in lb. or bulk.	8	8	8	8	8	8	8	8
Cts. per lb.	--	--	58	48	39	34	32	29
Tinned Trunk and Clout Nails, in lb. or bulk.	--	--	70	60	50	45	43	40
Cts. per lb.	--	--	66	56	46	40	38	35
Basket, Cigar Box and Chair Nails, in lb. or bulk.	--	--	66	56	46	40	38	35
Cts. per lb.	--	--	81	71	61	53	49	46
Basket, Cigar Box and Chair Nails, Tinned, in lb. or bulk.	--	--	78	68	58	50	46	43
Copper and Brass Finishing and Cigar Box Nails.	--	--	78	68	58	50	46	43
Cts. per lb.	--	--	60	56	56	56	56	56
Copper and Brass Trunk and Clout Nails, in lb. or bulk.	--	--	60	56	56	56	56	56
Cts. per lb.	--	--	84	91	100	115	125	140
Common and Patent Brads, half wt.	70	--	--	--	--	--	--	--
Common and Patent Brads in lb. or in bulk.	--	--	--	--	--	--	--	--
Cts. per lb.	175	140	120	81	67	50	42	37
Brush Tacks and Nails, in lb. or bulk.	--	--	--	130	105	90	80	70
Cts. per lb.	--	--	--	390	400	410	415	420
" full wt. Cts. per doz. papers	--	--	--	62	55	49	43	37
Looking Glass Tacks, in lb. or bulk.	120	105	--	--	--	--	--	--
Cts. per lb.	--	--	--	120	125	150	170	230
" full wt. Cts. per doz.	--	--	--	53	45	39	31	28
Picture Frame Points, in lb. or bulk.	--	--	--	--	--	--	--	--
Cts. per lb.	--	--	--	--	--	--	--	--

For ½ lb. papers, where prices are not given, add 4c. per lb. to List.
 For ¼ lb. papers where prices are not given, add 8c. per pound to List. The following net extras are charged for goods in bulk in wooden boxes: 5 lb., ¾c. per lb.; 10 lb., ½c. per lb.; and 25 lb., ¼c. per lb.

Double Pointed Tacks.

List Feb. 9, 1899.
Per dozen papers.

Count.	Nos.	8	9	10	11	12	14	16
100 --	{ Blued or cop'd.....	\$1.20	1.20	1.30	1.40	1.60	1.85	2.00
	{ Tin'd	1.55	1.55	1.65	1.80	2.05	2.35	2.60
120 --	{ Blued or cop'd.....	1.45	1.45	1.55	1.70	1.90	2.25	2.40
	{ Tin'd	1.85	1.85	2.15	2.40	2.80	3.20	3.65
144 --	{ Blued or cop'd.....	1.80	1.80	1.95	2.10	2.40	2.80	3.00
	{ Tin'd	2.30	2.30	2.70	3.00	3.50	4.00	4.50
100-lb kegs.	{ Blued or cop'd.....		.46	.42	.41	.40	.39	.39
Price @ lb.	{ Tin'd .....		.61	.57	.56	.55	.54	.54

Measuring Tapes.

Feet.	Ass Skin.			Patent Leather.			Bent Leather.	Pressed Leather.	
	1/2-inch Cotton Tape.	1/2-inch extra Cotton Tape.	1/2-inch Linen Corded Tape.	1/2-inch Cotton Tape.	1/2-inch extra Cotton Tape.	1/2-inch Linen Corded Tape.	3/8-in. Corded Linen Tape.	1/2-in. India or Holl'nd Tape	1/2-in. Corded Linen Tape.
25	\$3.75	4.75	5.00	4.75	5.00	6.50	12.00	5.00	6.50
30	4.00	5.00	5.50	5.00	5.50	7.00	13.00	5.50	7.00
40	4.50	5.75	7.00	5.75	7.00	8.25	15.00	7.00	8.25
50	5.00	6.25	8.00	6.25	8.00	10.00	16.00	8.00	10.00
60	-----	-----	-----	6.75	8.50	-----	-----	-----	-----
66	6.00	7.25	9.00	7.25	9.00	12.00	17.00	9.00	12.00
75	7.50	8.75	10.00	8.75	10.00	13.00	18.00	10.00	13.00
80	8.00	9.25	10.50	9.25	10.50	-----	-----	-----	-----
100	9.00	10.75	12.50	10.75	12.50	15.00	20.00	12.50	15.00

TAPS.

Stay Bolt Taps.

Price Each.

Diameter, Inches.	12 in.	14 in.	16 in.	18 in.	21 in.	24 in.	27 in.	30 in.	33 in.	36 in.	39 in.	42 in.	48 in.	54 in.
3/4, 13-16, 7/8	\$4.50	\$5.00	\$5.60	\$7.20	\$8.00	\$8.80	\$10.90	\$13.00	\$14.00	\$15.00	\$16.50	\$18.00	\$19.00	\$20.00
15-16, 1	-----	-----	6.60	8.50	9.35	10.20	12.25	14.25	15.40	16.50	18.00	19.75	21.00	22.25
1-16, 1 1/8	-----	-----	7.60	9.50	10.35	11.20	13.25	15.25	16.40	17.50	20.00	22.00	23.50	25.00
1-3-16, 1 1/4	-----	-----	9.00	10.50	12.00	12.75	14.75	16.50	18.00	19.50	22.00	24.00	25.50	27.00
1-5-16, 1 3/8	-----	-----	11.00	12.50	14.00	15.00	17.00	18.50	20.00	21.50	24.00	26.00	28.00	30.00
1-7-16, 1 1/2	-----	-----	13.00	14.50	16.00	17.00	19.00	20.00	22.00	23.50	26.00	28.00	30.00	32.00

Machine or Nut Taps.

List Jan. 1, 1904.

Diameter.	Each.	Diameter.	Each.
$\frac{3}{16}$	\$0.60	$1\frac{1}{2}$	\$4.70
$\frac{1}{4}$	.60	$1\frac{3}{8}$	5.30
$\frac{5}{16}$	.70	$1\frac{3}{4}$	6.00
$\frac{3}{8}$	.80	$1\frac{7}{8}$	6.80
$\frac{7}{16}$	.90	2	7.70
$\frac{1}{2}$	1.00	$2\frac{1}{8}$	9.00
$\frac{9}{16}$	1.15	$2\frac{1}{4}$	10.20
$\frac{5}{8}$	1.30	$2\frac{3}{8}$	11.50
$1\frac{1}{16}$	1.45	$2\frac{1}{2}$	12.50
$\frac{3}{4}$	1.60	$2\frac{5}{8}$	14.00
$1\frac{1}{8}$	1.80	$2\frac{3}{4}$	15.00
$1\frac{1}{4}$	2.10	$2\frac{7}{8}$	16.50
$1\frac{5}{8}$	2.40	3	18.00
I	2.80	$3\frac{1}{8}$	*19.75
$1\frac{1}{16}$	3.00	$3\frac{1}{4}$	21.50
$1\frac{1}{8}$	3.20	$3\frac{3}{8}$	†23.00
$1\frac{3}{16}$	3.45	$3\frac{1}{2}$	†25.00
$1\frac{1}{4}$	3.70	$3\frac{5}{8}$	†27.00
$1\frac{5}{8}$	3.95	$3\frac{3}{4}$	29.50
$1\frac{3}{8}$	4.20	$3\frac{7}{8}$	†31.00
$1\frac{1}{2}$	4.45	4	33.50

* Some lists, 25 cents higher.

† Some lists, 50 cents higher.

Machine Screw Taps.

List Jan. 1, 1904.

Screw Gauge.	Each.	Doz.	No.	Each.	Doz.
No.					
1	\$0.35	\$4.00	14	\$0.38	\$4.40
2	.35	4.00	15	.38	4.40
3	.35	4.00	16	.38	4.40
4	.35	4.00	17	.38	4.40
5	.35	4.00	18	.38	4.40
6	.35	4.00	19	.38	4.40
7	.35	4.00	20	.45	5.30
8	.35	4.00	22	.45	5.30
9	.35	4.00	24	.45	5.30
10	.35	4.00	26	.53	6.30
11	.35	4.00	28	.53	6.30
12	.35	4.00	30	.53	6.30
13	.38	4.40			

Straight and Taper Boiler Taps.

Diameter. Each. Diameter. Each.

$\frac{1}{2}$	\$1.00	$2\frac{9}{16}$	\$2.10
$\frac{3}{4}$	1.00	$2\frac{1}{2}$	2.40
$\frac{1}{2}$	1.15	$2\frac{1}{4}$	2.40
$\frac{3}{8}$	1.15	I	2.80
$\frac{1}{4}$	1.30	$1\frac{1}{8}$	2.80
$\frac{3}{16}$	1.30	$1\frac{1}{16}$	3.00
$\frac{1}{8}$	1.45	$1\frac{3}{8}$	3.00
$\frac{1}{16}$	1.45	$1\frac{1}{2}$	3.20
$\frac{3}{32}$	1.60	$1\frac{5}{8}$	3.20
$\frac{1}{4}$	1.60	$1\frac{3}{4}$	3.40
$\frac{1}{8}$	1.80	$1\frac{7}{8}$	3.40
$\frac{1}{16}$	1.80	$1\frac{1}{4}$	3.70
$\frac{3}{32}$	2.10	$1\frac{3}{8}$	4.20

Machinists' Hand Taps.

List Jan. 1, 1904.

Diam-eter.	Each.	Per Set.	Diam-eter.	Each.	Per Set of Three
$\frac{1}{16}$	\$0.35	\$1.05	$1\frac{1}{4}$	\$2.60	\$7.80
$\frac{3}{16}$	.35	1.05	$1\frac{5}{16}$	2.80	8.40
$\frac{1}{4}$	.35	1.05	$1\frac{3}{8}$	3.00	9.00
$\frac{5}{16}$	.35	1.05	$1\frac{7}{16}$	3.25	9.75
$\frac{3}{8}$	.35	1.05	$1\frac{1}{2}$	3.50	10.50
$\frac{7}{16}$	.35	1.05	$1\frac{3}{4}$	4.20	12.60
$\frac{1}{2}$	.35	1.05	$1\frac{3}{4}$	5.00	15.00
$\frac{9}{16}$	.35	1.05	$1\frac{7}{8}$	5.80	17.40
$\frac{5}{8}$	.35	1.05	2	6.70	20.10
$\frac{3}{4}$	.45	1.35	$2\frac{1}{8}$	*8.00	*24.00
$\frac{7}{8}$	.50	1.50	$2\frac{1}{4}$	*9.00	*27.00
$1\frac{1}{16}$	.55	1.65	$2\frac{3}{8}$	*10.25	*30.75
$1\frac{1}{8}$	.60	1.80	$2\frac{1}{2}$	11.50	34.50
$1\frac{1}{4}$	.70	2.10	$2\frac{5}{8}$	*12.75	*38.25
$1\frac{3}{8}$	.80	2.40	$2\frac{3}{4}$	14.00	42.00
$1\frac{1}{2}$	.90	2.70	$2\frac{7}{8}$	15.50	46.50
$1\frac{5}{8}$	1.05	3.15	3	17.00	51.00
$1\frac{3}{4}$	1.20	3.60	$3\frac{1}{8}$	*18.50	*55.50
$1\frac{7}{8}$	1.40	4.20	$3\frac{1}{4}$	*20.00	*60.00
2	1.60	4.80	$3\frac{3}{8}$	22.00	66.00
$2\frac{1}{8}$	1.80	5.40	$3\frac{1}{2}$	24.00	72.00
$2\frac{1}{4}$	2.00	6.00	$3\frac{3}{4}$	26.00	78.00
$2\frac{3}{8}$	2.15	6.45	$3\frac{7}{8}$	*28.00	*84.00
$2\frac{1}{2}$	2.25	6.75	$3\frac{1}{2}$	*30.50	*91.50
$2\frac{5}{8}$	2.45	7.35	4	*33.00	*99.00

*Some lists differ.

Patch Bolt Taps.

Twelve Threads to the Inch.

Diameter.	Each.	Diameter.	Each.
$\frac{1}{2}$	\$0.70	$1\frac{5}{8}$	\$1.80
$\frac{3}{4}$	.80	I	2.00
$\frac{1}{2}$	.90	$1\frac{1}{8}$	2.13
$\frac{1}{4}$	1.05	$1\frac{3}{8}$	2.25
$\frac{1}{8}$	1.20	$1\frac{1}{4}$	2.43
$\frac{3}{16}$	1.40	$1\frac{1}{2}$	2.60
$\frac{1}{16}$	1.60		

Blacksmiths' Plug and Taper Taps.

Size.	Inch. Hand.	Threads to Inch.	Price Each.
1½	R	6, 7 and 8	\$3.00
1½	L	6, 7 and 8	3.00
1¼	R	6, 7, 8 and 9	1.75
1¼	L	8 and 9	1.75
1	R	7, 8, 9 and 10	1.25
1	L	8 and 9	1.25
¾	R	8, 9 and 10	.90
¾	L	9*	.90
¾	R	7, 8, 9, 10, 12 and 14	.65
¾	L	10 and 12	.65
⅝	R	10, 11, 12, 14 and 16	.50
⅝	L	10 and 12	.50
⅝	R	10, 12, 14 and 16	.50
⅝	L	12	.50
½	R	10, 12, 14, 16 and 18	.40
½	L	12 and 14	.40
⅜	R	10, 12, 14, 16 and 18	.40
⅜	L	14	.40
⅜	R	10, 12, 14, 16, 18 and 20	.35
⅜	R	14, 16, 18, 20 and 22	.30
⅜	R	16, 18, 20, 22, 24 and 26	.30
⅜	R	24, 26 and 28	.30
⅜	R	30 and 32	.30

Short Plug Hob Taps.

Diameter.	Each.	Diameter.	Each.
⅜	\$0.60	⅝	\$2.10
¼	.60	⅞	2.40
⅜	.70	1	2.80
½	.80	1½	3.20
⅝	.90	1¾	3.70
¾	1.00	1⅝	4.20
⅞	1.15	1½	4.70
1	1.30	1⅝	5.30
1¼	1.45	1¾	6.00
1½	1.60	1⅞	6.80
1⅝	1.80	2	7.70

Stove Bolt Taps.

Diameter.	Each.	Per Doz.	No. of Threads.
⅝	\$0.35	\$4.00	28
⅜	.35	4.00	24
⅜	.35	4.00	22
¼	.38	4.40	18
⅜	.38	4.40	18
⅜	.45	5.30	16

Brace Bit Taps.

Diameter.	Each.	No. of Threads.
⅜	\$0.50	24
¼	.50	16, 18, 20
⅝	.55	16, 18
⅜	.60	14, 16
⅝	.70	12, 14
½	.80	12, 13

Iron Pipe Taps and Reamers.

Diameter.	Each.	Diameter.	Each.
⅝	\$1.12	1¼	\$3.75
¼	1.25	1½	4.62
⅜	1.50	2	6.25
½	1.87	2½	10.50
¾	2.50	3	15.00
1	3.12		

Tapper Taps.

List Jan. 1, 1904.
Price Each.

Diameter.	No. of Threads to Inch.	Whole Length.			
		11 In.	12 In.	14 In.	15 In.
¼	20	\$0.70	\$0.75	\$0.80	\$0.90
⅜	20	.80	.85	.90	1.00
⅝	18	.90	.95	1.00	1.10
⅞	14	1.00	1.05	1.15	1.25
1	12, 13	1.12	1.15	1.25	1.35
1¼	12	1.30	1.35	1.45	1.55
1½	11	1.45	1.50	1.65	1.75
1¾	11	1.62	1.70	1.80	1.95
2	10	1.80	1.85	2.00	2.10
2¼	10	2.05	2.10	2.25	2.35
2½	9	2.35	2.45	2.60	2.75
2¾	9	2.70	2.75	3.00	3.15
3	8	3.15	3.20	3.50	3.65
3½	7	3.60	3.70	3.95	4.10
4	7	4.15	4.25	4.50	4.65
4½	6	4.70	4.80	5.05	5.20
5	6	5.30	5.40	5.65	5.80

Thermometers.

Tin Case.

Inch -----	7	8	10	12
Per dozen ----	\$5.00	\$5.50	\$6.50	\$8.00

Steel Wire Bale Ties

List June 1, 1899.
Per bundle of 250 Ties.

Feet.	No. 16	No. 15	No. 14	No. 13	No. 12
5½	\$3.10	\$3.48	\$3.83	\$4.74	\$6.28
5¾	3.18	3.60	3.97	4.92	6.53
6	3.28	3.72	4.12	5.09	6.76
6¼	3.38	3.84	4.27	5.26	6.99
6½	3.46	3.96	4.41	5.44	7.24
6¾	3.56	4.08	4.56	5.62	7.49
7	3.64	4.20	4.71	5.80	7.73
7¼	3.74	4.32	4.86	5.98	7.98
7½	3.82	4.44	5.00	6.16	8.22
7¾	3.92	4.56	5.15	6.34	8.46
8	4.02	4.68	5.30	6.52	8.71
8¼	4.10	4.80	5.45	6.70	8.95
8½	4.20	4.92	5.60	6.88	9.20
8¾	4.30	5.04	5.74	7.06	9.44
9	4.38	5.16	5.88	7.24	9.69
9¼	4.48	5.28	6.03	7.42	9.94
9½	4.56	5.40	6.18	7.60	10.18
9¾	4.66	5.52	6.33	7.78	10.42
10	4.74	5.64	6.47	7.96	10.66
10¼	4.84	5.76	6.62	8.14	10.91
10½	4.94	5.88	6.77	8.32	11.15
10¾	5.02	6.00	6.92	8.50	11.41
11	5.12	6.12	7.06	8.68	11.63
11¼	5.20	6.24	7.21	8.85	11.88
11½	5.30	6.36	7.36	9.02	12.13
11¾	5.38	6.48	7.50	9.20	12.38
12	5.48	6.60	7.65	9.37	12.64
12¼	5.58	6.72	7.90	9.54	12.90
12½	5.68	6.84	8.05	9.71	13.10
12¾	5.78	6.98	8.20	9.88	13.36
13	5.88	7.08	8.35	10.00	13.62
13¼	5.98	7.20	8.50	10.17	13.88
13½	6.08	7.32	8.65	10.35	14.14
13¾	6.18	7.44	8.80	10.42	14.40
14	6.28	7.56	8.95	10.49	14.66
14¼	6.38	7.68	9.10	10.66	14.92
14½	6.48	7.80	9.25	10.83	15.18
14¾	6.58	7.92	9.40	11.00	15.44
15	6.68	8.04	9.56	11.18	15.70

Farm and Garden Tools.

List Aug. 1, 1899.
Price Per Doz.

Group No. 1.—Two Tine Hay Forks, Standard Sizes.

Round or Oval Tines. On 4 to 5 ft. Straight Handles.

Tine Lengths, Inches.	I1	I2	I3	I4	I5	I6
List Common Ferrules ----	\$8.50	9.00	9.50	10.75	12.00	13.25
List Strap Ferrules-----	10.30	10.80	11.30	12.55	13.80	15.05

When on longer Handles, add as per Note A below.

Second Quality.

List prices, less than above ----- \$0.90

Boys' Sizes.

On 4 or 4½ ft. Straight Handles.

8½ inch Tine, Common Ferrule-----	\$7.25
8½ " " Strap " -----	9.05
10 " " Common " -----	7.75
10 " " Strap " -----	9.55
When on 5 to 6 ft. Handles, add for each 6 inches-----	.50
Bent Handles on any of above, add to list-----	.60

Fish Forks.

Round or Oval Tines, 6 to 8 inches. No Caps.

1 and 2 Tine, 4 to 4½ ft. Handles, Common Ferrule-----	\$7.00
3 Tine, 4 to 4½ ft. Handles, Common Ferrule -----	9.00

Group No. 2.—Three Tine Hay Forks, Standard Sizes.

Round or Oval Tines. On 4 to 5 ft. Straight Handles.

Tine Lengths, Inches.	I1	I2	I3
List Common Ferrule -----	\$10.20	10.80	11.40
List Strap Ferrule -----	12.00	12.60	13.20

When on longer Handles, add as per Note A below.

Second Quality.

List prices less than above ----- \$1.20

Boys' Size, 10½ Inch Tines.

On 4 or 4½ ft. Straight Handles, Common Ferrule-----	\$9.75
On 4 or 4½ ft. Straight Handles, Strap Ferrule -----	11.55
When on 5 to 6 ft. Handles, add for each 6 inches-----	.50
Bent Handles on any of above, add to list-----	.60

Diamond Tine Hay Forks.

2 Tine, 4 to 5 ft. Straight Handles, Common Ferrule -----	\$11.00
3 Tine, 4 to 5 ft. Straight Handles, Common Ferrule -----	13.00

Group No. 3.—Four Tine Hay Forks.

Round or Oval Tines.

Tine Lengths, Inches.	I2	I3
On 4 to 5 ft. Straight Handles, List Common Ferrule \$14.40	15.40	
On 4 to 5 ft. Straight Handles, List Strap Ferrule---	16.40	17.40

Braced or Double Shank Forks, advance list prices \$1.00.

When on longer Handles, add as per Note A below.

Bent Handles, add to above list 60c.

Second Quality.

List prices less than above ----- \$1.85

NOTE A.—*Handle Lengths.* Where 5 feet is the standard length, add to list prices:

For 5½ ft. Handles-----	\$0.50	For 7 ft. Handles-----	\$2.50
" 6 ft. " -----	1.00	" 7½ ft. " -----	3.25
" 6½ ft. " -----	1.75	" 8 ft. " -----	4.00

See also following pages.

Farm and Garden Tools.

See also preceding and following pages.

Group No. 4.—Socket Four Tine Forks.

Round or Oval Tines.

Section A—Hay Forks.

Handle Lengths, Feet.	4	4½	5	5½	6
11½ to 12 inch Tines	\$18.25	18.25	18.25	18.75	19.25

Section B—Manure Forks.

Handle Lengths.	L, 4 ft.	L, 4½ ft.	Mall. D.	Wood D
12 inch Tines	\$21.00	21.00	22.25	26.25

Section C—Spading Forks.

Handle Lengths.	L, 4 ft.	Mall. D.	Wood D
Heavy Angular Tines	\$29.00	30.50	34.50

Group No. 5.—Long Tine Hay, Header, Baler and Grain Forks.

Round or Oval Tines on 4 to 6 ft. Bent Handles.

Section A—Three Tine Hay, Header and Baler.

Tine Lengths, Inch.	14	15	16
Hay and Header Forks, Common Ferrule	\$13.50	14.75	16.25
Hay Baler Forks, Common Ferrule		17.50	19.50

Section B—Four Tine Hay, Header and Baler.

Tine Lengths, Inch.	14	15	16	18
Hay and Header, Com. Ferrule, Regular	\$17.75	19.25	21.25	24.00
Hay and Header, Com. Ferrule, Deep Dish		21.25	23.25	
Hay Balers, Common Ferrule		22.00	24.50	
Braced or Double Shank Forks, advance list prices \$1.25.				
Narrow Spread, reduce list prices \$1.00.				

Section C—Grain or Barley Forks.

Tine Lengths, Inch.	16	17	18	20
4 Tine, Common Ferrules, without Bails	\$22.00	24.00		
4 " " " with " "			28.00	31.00
5 " " " " " "			36.00	40.00
Deduct if without Bails and Brace				.80
To all of above add for Strap Ferrules				\$2.00
To all of above, when on Handles	6½ ft.	7 ft.	7½ ft.	8 ft.
Add to above prices	\$0.75	1.50	2.25	3.00

Group No. 6.—Four Tine Manure Forks.

Round or Oval Tines. All Bent Handles.

First Quality.

Long Handles, Common Ferrule, 11½ to 12 inch Tines	\$16.75
Long Handles, Strap Ferrule, 11½ to 12 inch Tines	18.75
Mall. D Handles, Common Ferrule, 12 to 13 inch Tines	18.00
Mall. D Handles, Strap Ferrule, 12 to 13 inch Tines	20.00
Braced or Double Shank Forks, advance list prices	1.25
Above with Tines 14 inches long, advance	2.00

Second Quality.

List prices less than above	\$2.00
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Third Quality.

Tines 11 to 11½ inches long. Half polished. No Caps on Ferrules.	
List prices less than first quality list	\$4.75
Add if with caps on Ferrules	.60
To any of above Forks add for Wood D in place of Mall. D Handles	4.00

Farm and Garden Tools.

See also preceding and following pages.

Group No. 7.—Five and Six Tine Manure Forks.

First Quality—Tines 12 to 13 Inches Long.

Round or Oval 5 Tine, long Bent Handles, Common Ferrule	\$25.25
" " 5 " " " " Strap	27.25
" " 5 " Mall. D Bent " Common	26.50
" " 5 " " " " Strap	28.50
" " 6 " long " " Common	29.25
" " 6 " " " " Strap	31.25
" " 6 " Mall. D Bent " Common	30.50
" " 6 " " " " Strap	32.50

Second Quality.

5 Tine Manure Forks less than above list	\$2.50
6 Tine Manure Forks less than above list	3.25

Handles.

Of 4, 5 and 6 Tine Manure Forks.

When longer than 4½ ft. advance list for each 6 inches	\$0.50
Wood D Handles, advance on above list of Mall. D	4.00
"Long" Handles are 4 to 4½ feet.	

Tines, 14 Inches Long.

Advance on 5 Tine Forks per doz. list	\$2.50
Advance on 6 Tine Forks per doz. list	3.00

Six Tine City Manure Forks.

14 inch Oval Tines, Heavy, Wood D Handles, Strap Ferrule	\$40.00
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Group No. 8.—Spading Forks.

Angular or Flat Tines.

Extra Heavy 4 Tine, Common Ferrule, Mall. D Handles	\$26.00
Heavy or Regular 4 Tine, " " " " " "	24.25
" " 5 " " " " " "	32.50
Light Weight 4 " " " " " "	23.00
" " Half Polished, 4 Tine, Common Ferrule, Mall.	

D Handles	21.75
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The "Light" are 5 lbs. per doz. less weight than Heavy.

Strap Ferrule Spading Forks, advance list	2.00
Wood D Handles, advance list	4.00
Long 4 and 4½ ft. Handles, less than Mall. D	1.25

Second Quality Spading Forks.

List prices less than above	\$3.00
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Group No. 9.—Potato Digging Forks.

Manure Fork Weights.

Round or Oval 5 Tine, long Bent Handles, Common Ferrule	\$17.00
" " 5 " " " " Strap	18.50
" " 5 " Mall D " " Common	18.00
" " 5 " " " " Strap	19.50
6 Tine Forks, advance list over 5 Tine	4.00
8 Tine Forks, advance list over 5 Tine	10.00
Wood D Handles, advance over Mall. D	4.00
Handles longer than 4½ ft., advance list each 6 inches	.50

All Tines are 10 to 11 inches.



Farm and Garden Tools.

See also preceding and following pages.

Group No. 10.—Stone Picking Forks.

Square Tines.

4	Tine, Polished, 4½ ft. Bent Handles, Common Ferrule	---	\$13.50
5	" " Mall. D " " " " " " " "	---	15.50
6	" " 4½ ft. " " Light, " " " "	---	16.50
6	" " 4½ ft. " " Heavy " " " "	---	18.00

Manure Fork Weight.

Round or Oval Tines.

5	Tine, Polished, long Bent Handles, Common Ferrule	---	\$14.00
5	" " " " " " Strap " " " "	---	15.50
5	" " " Mall. D " " " Common " " " "	---	15.00
5	" " " " " " " Strap " " " "	---	16.50
6	Tine Forks, advance list	-----	2.00
	Wood D Handles, advance on above list of Mall. D	-----	4.00
	Handles longer than 4½ ft., advance list each 6 inches	-----	.50
	All Tines are 9 to 10 inches long.		

Group No. 11.—Garden Hoes.

	Garden or Field Socket, 6 to 8 inch Blade	-----	\$14.75
	Garden or Field Shank, 6 to 8 inch Blade	-----	13.25
	Swan Neck, or Washington County, add to list	-----	1.50
	Black " Cold Rolled " Garden, 6 to 8 inch Blade, less list	-----	.40
	Garden or Field Socket Curved Blade, "Smith" patent, Separate Disc	-----	9.50
	Garden or Field Shank Curved Blade, "Smith" patent, Separate Disc	-----	8.50
	Blades 8½ inches wide, add to list	-----	1.00
	When on Handles longer than 4½ ft., add for each 6 inches	-----	1.00

Second Quality.

List prices less than above	-----	\$1.25
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Group No. 12.—Meadow and Rhode Island Hoes.

Shank, 8	inch Blade, 4 to 4½ ft. Field Hoe Handles	-----	\$14.25
" 8½	" " 4 to 4½ ft. " " " "	-----	14.75
" 9	" " 4 to 4½ ft. " " " "	-----	15.25
" 9½	" " 4 to 4½ ft. " " " "	-----	16.00
" 10	" " 4 to 4½ ft. " " " "	-----	16.75
	Socket Pattern of same, add to list	-----	1.75
	When on longer Handles, add for each 6 inches	-----	1.00

Group No. 13.—Southern Meadow Hoes.

Shank, 8	inch Blade, 5 ft. Handles	-----	\$15.25
" 8½	" " 5 ft. " " " "	-----	15.75
" 9	" " 5 ft. " " " "	-----	16.25
" 9½	" " 5 ft. " " " "	-----	17.00
" 10	" " 5 ft. " " " "	-----	17.75
	Socket pattern of same, add to list	-----	1.75
	When on longer Handles, add for each 6 inches	-----	.75

Group No. 14.—Mortar and Street Hoes.

Shank, 9	inch Blade, Polished, 6 ft. Handles	-----	\$21.75
" 10	" " " 6 ft. " " " "	-----	23.50
" 10½	" " Black, 6 ft. " " " "	-----	25.00
" 11	" " Polished, 6 ft. " " " "	-----	26.00
" 11½	" " " 6 ft. " " " "	-----	27.00
" 12	" " " 6 ft. " " " "	-----	28.00
	Mixers, Blades with holes in, add to list	-----	2.50
	Socket Pattern, add to list	-----	2.50
	When on Handles longer than 6 ft., add for each 6 inches	-----	.75
	Bolting Sockets or Shanks, add	-----	2.00

Farm and Garden Tools.

See also preceding and following pages.

Group No. 15.—Planter Hoes, Regular Pattern.

Shank, 6 and 6½ inch Blade, 4½ ft. Handles	\$16.50
“ 6 and 6½ “ “ 5 ft. “	17.25
“ 7 “ “ 5 ft. “	18.00
“ 7½ “ “ 5½ ft. “	19.50
“ 8 “ “ 5½ ft. “	20.25
“ 8½ “ “ 5½ ft. “	21.25
“ 9 “ “ 5½ ft. “	22.00
“ 10 “ “ 5½ ft. “	24.00

Socket Pattern of same, add to list 2.50

When on longer Handles, add for each 6 inches75

Sandwich Islands Planter Hoes.

Those with shanks or necks of sockets larger than ⅝ inch diameter:

Add for the ¾ inch diameter \$4.00

Add for each additional ⅛ inch diameter 2.00

Group No. 16.—Straight Shank Planter or Tobacco Hoes.

Blade Polished one-third only.

Blade and Shank same size and weight as Regular Planter.

List prices same as Regular Planter Shank.

Group No. 17.—Cotton (Light Planter) Hoes.

Shank, 6 and 6½ inch Blade, 4½ ft. Handles	\$13.75
“ 6 and 6½ “ “ 5 ft. “	14.50
“ 7 “ “ 5 ft. “	15.25
“ 7½ “ “ 5 ft. “	16.00
“ 8 “ “ 5½ ft. “	17.50
“ 8½ “ “ 5½ ft. “	18.50
“ 9 “ “ 5½ ft. “	19.25
“ 10 “ “ 5½ ft. “	21.00

Socket Pattern of same, add to list 2.50

When on longer Handles, add for each 6 inches75

Extra for riveting or nailing shanks in Hoes, \$1.00 per doz. list.

Group No. 18.—Rough Finish Shank Cotton Hoes.

Shanks and Blades straight or curved and no heavier than Regular Cotton Hoes.

Blades Polished one-third only, weight as Regular Cotton Hoes.

List and conditions same as Regular Cotton Hoes.

Group No. 19.—Cotton Chopper Hoes.

Shank, 8 inch Blade, 5½ ft. Handles	\$17.50
“ 8½ “ “ 5½ ft. “	18.50
“ 9 “ “ 5½ ft. “	19.25
“ 10 “ “ 5½ ft. “	21.00

Group No. 20.—Ladies' Cotton Hoes.

Shank, 6 and 6½ inch Blade, 4½ ft. Light Handles	\$13.75
“ 6 and 6½ “ “ 5 ft. “	14.50
“ 7 “ “ 5 ft. “	15.25
“ 7½ “ “ 5 ft. “	16.00
“ 8 “ “ 5½ ft. “	17.50
“ 8½ “ “ 5½ ft. “	18.50

Socket Pattern of same, add to list 1.75

When on longer Handles, add for each 6 inches75

Group No. 21.—Toy, Ladies' and Boys' Hoes.

Toy Shank, Blades 4 inches, Shank ⅝ inch, 4 ft. Handles	\$9.50
Ladies' “ “ 5 “ “ ⅝ “ 4 ft. “	10.00
Boys' “ “ 6 “ “ ⅝ “ 4 ft. “	12.00

Section B.

Onion, Turnip, Berry or Tobacco Hoes.

Similar Hoes with Various Names.

Shank 6 to 7½ inch Blade, 4½ ft. Handles \$13.00

Socket 6 to 7½ inch Blade, 4½ ft. Handles 14.50

Same with Blade 2 inches deep, less than above50

Farm and Garden Tools.

See also preceding and following pages.

Group No. 22.—Weeding Hoes and Rakes.

Steel Round Point, Riveted Shanks.....	\$8.00
“ Square “ “ “	8.00
“ Two “ “ “ Polished Blade.....	10.00
“ “ “ “ “ “ extra heavy drawn points.....	13.00
Steel Three Point, Riveted Shanks, Polished Blade.....	10.50
“ Five “ “ “ “ “	11.25
“ Four “ Welded “ Welded “ Polished	12.50
“ Six “ “ “ “ “	14.00
Handles 4½ ft. Garden Hoe size.	

Group No. 23.—Potato Hooks.

Goose Neck or Bent Heads, 4½ feet Handles.

Round or Oval, 4 Tines, Regular Weight, or Broad Oval, Light Weight.....	\$12.00
Round or Oval, 5 Tines, Regular Weight, or Broad Oval, Light Weight.....	16.50
Round or Oval, 6 Tines, Regular Weight, or Broad Oval, Light Weight.....	18.00
Angular or Oval Back, Flat or Broad Oval, 4 Tine.....	15.00
“ “ “ “ “ “ 4 “ Heavy.....	16.50
“ or Oval Back, Flat or Broad Oval, 5 Tine, Extra Heavy	20.00
“ “ “ “ “ “ 6 “ “	23.50
Swan Neck on any of above, add to list.....	1.50
Handles longer than 4½ ft., add for each 6 inches	1.00
Flat, 4 Tine, Light Weight	13.50
Round, 5 Tine, Heavy Weight.....	18.50
Angular Face, Flat Back, 4 Tine, Heavy Weight.....	17.50

Manure Hooks.

Goose Neck or Bent Head.

Round or Oval, 4 Tine, Regular Weight, 6 ft. Handles....	\$16.50
“ “ 5 “ “ “ 6 ft. “	18.00
“ “ 6 “ “ “ 6 ft. “	19.50
Angular or Oval Back, 4 Tine, Regular Weight, 5 ft. Handles	20.00
Flat or Broad Oval, 4 Tine, Regular Weight, 5 ft. Handles...	20.00
When with Strap Ferrules, add	2.00

Group No. 24.—Hop Hooks.

Angular or Oval Back, Flat or Broad Oval Tines.

4 Tine Light Weight, 4½ ft. Handles.....	\$16.00
4 “ Heavy “ 5 ft. “	21.50
5 “ “ “ 5 ft. “	29.00
Any of above full bright finish, increase list.....	.75

Farm and Garden Tools.

See also preceding and following pages.

Group No. 25.—Section A—Steel Garden Rakes.

Single Shank, 6 Tooth, Polished, 5 ft. Handles	\$9.00
“ “ 8 “ “ 5½ ft. “	12.00
“ “ 9 or 10 Tooth, Polished, 5½ ft. Handles	13.50
“ “ 11 or 12 “ “ 6 ft. “	15.00
“ “ 13 or 14 “ “ 6 ft. “	16.50
“ “ 15 or 16 “ “ 6 ft. “	18.00
“ “ 18 “ “ 6 ft. “	19.50
Bow or Braced Shank, add to list	3.00
Socket Rake, add to list	3.00

Section B—Stamped Blank.

Braced Shank, Blued or Black, not Polished, list as above.

Same, Rough Polished, add to selling price, net \$0.25

Group No. 26.—Turf Edgers.

Shank Polished, 4½ to 5 ft. Handles	\$10.50
Socket Polished, 4½ to 5 ft. Handles	11.50

Specialties.

Section A—Steel Road Rakes, Extra Heavy.

Sizes, Teeth.	10	12	14	16
Shank Rakes, Black	\$17.00	18.50	20.00	21.50
Shank Rakes, Polished	19.00	20.50	22.00	23.50
When with Strap Ferrules, add \$1.50				

Section B—Special Mortar Hoes.

Small Sizes.

Shank 7½ inch Blade, 7 ft. Handles	\$13.00
“ 8 “ “ 7 ft. “	13.50
“ 8½ “ “ 7 ft. “	14.00
“ 9 “ “ 7 ft. “	14.50

Harper's No. 7 Mortar Hoes.

Shank 10 inch Blade, 7 ft. Handles	\$30.00
When with Strap Ferrules, add	1.50

Section C—Truck and Turnip Hoes.

Half Moon Shape. All on 4½ ft. Handles.

Size Blades, Inch.	3	4	5	6	7	8
Shank	\$6.50	6.75	7.00	7.50	8.00	8.50
Socket	7.25	7.50	7.75	8.25	9.25	10.00

Section D—Jersey Truck Hoes.

Shank 7½ inch Blades, 4½ ft. Handles	\$9.00
Socket 7½ inch Blades, 4½ ft. Handles	10.00

Section E—Special Hoes, &c.

Crescent Cultivator Hoe, 6 inch, 4½ ft. Handles	\$15.00
“ “ “ 7 “ 4½ ft. “	15.50
Double Bit “ “ 6 “ 4½ ft. “	13.50
“ “ “ 7 “ 4½ ft. “	14.00
Kretsinger Cut-Easy Sinuous Edge, add to any list	.50
Acme Weeding Hoe, 4½ inch, 4½ ft. Handles	19.00
B. B. Cultivator “ 6 “ 4½ ft. “	15.00
“ “ “ 6½ “ 4½ ft. “	15.25

Section F—Hoe Down Hooks.

Oval 4 Tine, 10½ inch Tines, 5 ft. Bent Strap Handles	\$22.00
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Clam Hooks.

Goose Neck or Bent Heads.

Round or Oval, 6 Tine, Regular Weight	\$15.00
Angular or Oval Back, 4 Tine, 9 inches, Regular Weight	12.00
Round or Oval, 6 Tine, Heavy Weight	20.00

Farm and Garden Tools.

See also preceding and following pages.

(Specialties continued.)

Section G—Warren Hoes.

7	inch	Blade, Polished,	4½	ft.	Handles	-----	\$10.50
7½	"	"	"	4½	ft.	"	12.00
8	"	"	"	4½	ft.	"	12.50

Section H—Laid Steel Edge Hoes.

Shank 6	inch	Blade, Half Polish,	5	ft.	Handle	-----	\$5.75
"	6½	"	"	"	5	ft.	5.75
"	7	"	"	"	5	ft.	6.00
"	7½	"	"	"	5½	ft.	6.25
"	8	"	"	"	5½	ft.	6.75
"	8½	"	"	"	5½	ft.	7.25
"	9	"	"	"	5½	ft.	7.75

Section I—Baling Press Forks.

Round or Oval Tines, 6 to 9 inch Capped Ferrules.

3	Tine, less list than first quality 3 Tine Hay	-----	\$1.50
4	" Hay, less list than first quality 4 Tine Hay	-----	2.00
4	" Manure, less list than first quality 4 Tine Manure	-----	3.00

Finish, &c.

Riveting, &c.

For punched Shanks, riveting, nailing or any other device or attachment for fastening in the Handles the Shanks of any Steel Goods, add to list \$1.00.

Finish.

Painted or Bronzed or Black rough finish to Ferrules and Sockets is contemplated in these list prices.

For Full Bright Finish Goods:

Common Ferrule goods, advance per dozen list 75c.

Strap Ferrule goods, advance per dozen list \$1.00.

Socket goods, advance per dozen list \$1.25.

Handles on Second or Third Grade goods shall have no other than rough belt finish.

Grading.

Second Quality goods shall be those with apparent defects or inferiority in the metal parts, and in all cases shall be put on second grade of Handles.

Third Quality goods, where provided for in Manure Forks, shall have Tines not over 11½ inches long, half polish only, and in all cases should be put on third grade of Handles. They shall not be capped without a charge of 60c. per dozen list to be made for same.

Tines.

All Fork Tines are oval or round unless the list otherwise specifically provides for other shapes.

Tine lengths, unless specifically otherwise provided for, as follows:

Regular pattern, first quality, of 3 and 4 Tine Hay Forks have Tines 11½ to 12 inches long.

4 Tine Manure Forks, first quality long Handles, have Tines 11½ to 12 inches long.

4 Tine Manure Forks, first quality D Handles, may have Tines 11½ to 13 inches long.

5 and 6 Tine Manure Forks, first quality D Handles, may have Tines 12 to 13 inches long.

Spading Forks have Tines 10½ to 11½ inches long.

Labels.

All First Quality goods shall bear the maker's name.

All Second and Third Quality goods shall not be labeled with the maker's name.

Farm and Garden Tools.

See also preceding and following pages.

Coke, Coal, Beet and Other Heavy Forks, Etc.

Coke and Cottonseed Forks.

Diamond Tines and Strap Ferrules. Black, Wood D or Mall. D Handles.

8 Tines.....	\$20.00	14 Tines.....	\$33.00
10 ".....	24.00	16 ".....	40.00
12 ".....	28.00	18 ".....	48.00
13 ".....	31.00		

Coal Forks.

Diamond Tines and Strap Ferrules. Black, Wood D or Mall. D Handles.

8 Tines.....	\$20.00	14 Tines.....	\$33.00
9 ".....	22.00	16 ".....	40.00
10 ".....	25.00	7 " Heavy, 18 in. wide	26.00
12 ".....	29.00		

Barn or Ice Forks.

Oval Tines and Strap Ferrules. Polished, Mall. D Handles.

8 Tines.....	\$22.00	12 Tines.....	\$30.00
10 ".....	26.00	When on Wood D Handles, add	2.00

Beet Forks.

Round Tines, Strap Ferrules and Mall. D Handles.

5 Tines, Polished, Blunt Points.....	\$16.00
6 " " " ".....	18.00
6 " " Solid Ball ".....	20.00
7 " " Blunt ".....	20.00
7 " " Solid Ball ".....	22.00
7 " Black, " ".....	20.00
When on Wood D Handles, add.....	2.00

Ballast or Stone Forks.

Black Tines and Strap Ferrules.

8 Tines, Square, Wood D or Mall. D Handles.....	\$20.00
9 " " " ".....	23.00
10 " " " ".....	25.00
11 " Square or Round, Wood D or Mall. D Handles...	27.00
11 " Flat, Wood D or Mall. D Handles.....	30.00
12 " Square " ".....	29.00
13 " " " ".....	31.00
14 " " " ".....	33.00
16 " " " ".....	40.00
18 " " " ".....	48.00

Tanners' Forks.

Polished Tines and Strap Ferrules. Diamond, Square or Flat Oval Wood D or Mall. D Handles.

5 Tines.....	\$18.00	10 Tines.....	\$26.00
6 ".....	20.00	12 ".....	30.00
8 ".....	22.00		

Shaving Forks.

Polished Oval Tines and Strap Ferrules.

6 Tine, 16 ins. long, 15 ins. wide, 4 ft. Mall. D Handles ...	\$22.00
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Farm and Garden Tools.

See also preceding pages.

Heavy Forks—Continued.

Potato Scoop Forks.

Flat Oval Tines, Strap Ferrules. Black, Mall. D Handles.

8 Tines-----	\$20.00	12 Tines-----	\$28.00
10 "-----	24.00	When on Wood D Handles, add	2.00

Oyster Forks.

Half Polished Tines, Strap Ferrules. Diamond, Wood D or Mall. D Handles.

8 Tines-----	\$22.00	12 Tines-----	\$30.00
10 "-----	26.00		

Sluice Forks.

Half Polished Tines, Strap Ferrules. Diamond-Oval, Long Handles.

8 Tines-----	\$22.00	12 Tines-----	\$30.00
10 "-----	26.00		

Heavy Mill, Manure or Street Forks.

All on Mall. D Bent Handles, Common Ferrules.

4 Tines, ordinary weight, 13½ to 14 inches, Oval or Round, Polished-----	\$22.00
4 Tines, heavy weight, 15 inches, Half Polish, Oval or Round-----	24.00
4 Tines, extra heavy weight, 16 to 17 inches, Polished, Oval or Round-----	30.00
4 Tines, heavy, 13½ to 14 in., Diamond or Square, Half Polish-----	24.00
4 " extra heavy, 15 in., "-----	27.00
5 " double extra heavy, 15 to 16 in., Diamond, "-----	42.00
Five Tines, increase list over 4 Tines above-----	10.00
Six Tines, increase list over 4 Tines above-----	15.00
To any of above, add for Strapped Ferrules-----	2.50
To any of above, add for Wood D Handles-----	4.00
To any of above, add for Handles longer than 4½ ft., for each 6 inches-----	.50
From any of above, deduct for 4 or 4½ ft. long Handles-----	1.25

Steel Tar or Asphalt Rakes.

With 18-Inch Iron Shanks.

Shank, Common Ferrule, 4½ ft. Handles-----	\$25.00
Shank, Strap Ferrule, 4½ ft. Handles-----	26.50
Shank, Patent Solid, Strap Ferrule, 4½ ft. Handles-----	28.50

Asphalt Hoes.

Shank, 10 inch Blade, 6 ft. Handles-----	\$24.00
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Memoranda.

Add for polishing any Black Forks, list-----	\$2.00
Deduct if Long Handles are wanted in place of "D's," list-----	1.00

Eye Hoes.

No.....	3/0	2/0	0	1	2	3	4	5	6
Inch.....	6	6½	7	7½	8	8½	9	9¼	10
Oval Eye—									
Half Bright..	\$5.50	5.50	5.75	6.00	6.50	7.00	7.50	8.00	8.50
Full Bright..	6.00	6.00	6.25	6.50	7.00	7.50	8.00	8.50	9.00
Genuine Scovil—									
Half Bright..	....	5.50	5.75	6.00	6.50	7.00	7.50	....	....
Full Bright..	....	5.75	6.25	6.50	7.00	7.50	8.00	....	....
Scovil Pattern—									
Half Bright..	5.75	5.75	6.00	6.25	6.75	7.25	7.75	8.25	8.75
Full Bright..	6.25	6.25	6.50	6.75	7.25	7.75	8.25	8.75	9.25

Eaves Troughs. Per foot.

Slip Joint—Single Bead.

Size	3 Inch 6 In. Girt.	3½ Inch 7 In. Girt.	4 Inch 8 In. Girt.	5 Inch 10 In. Girt.	6 Inch 12 In. Girt.	7 Inch 14 In. Girt.	8 Inch 16 In. Girt.
No. 28 Galv. Steel.	\$0.14	\$0.15	\$0.17	\$0.20	\$0.24	\$0.28	\$0.31

Lap Joint—Single Bead.

No. 28 Galv. Steel.	\$0.13	\$0.14	\$0.16	\$0.19	\$0.23	\$0.27	\$0.30
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Slip Joint—Double Bead.

Size	3 Inch 8 In. Girt.	3½ Inch 9 In. Girt.	4 Inch 10 In. Girt.	5 Inch 12 In. Girt.	6 Inch 14 In. Girt.	7 Inch 16 In. Girt.	8 Inch 18 In. Girt.
No. 28 Galv. Steel.	\$0.17	\$0.18	\$0.20	\$0.23	\$0.27	\$0.31	\$0.34

Lap Joint—Double Bead.

No. 28 Galv. Steel.	\$0.16	\$0.17	\$0.19	\$0.22	\$0.26	\$0.30	\$0.33
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Eaves Trough Miters. Per doz.

Slip Joint.

Inches	3	3½	4	5	6	7	8
No. 28 Galvanized Steel.	\$2.75	\$3.00	\$3.25	\$3.50	\$4.00	\$4.75	\$5.50

Lap Joint.

No. 28 Galvanized Steel.	\$2.25	\$2.50	\$2.75	\$3.00	\$3.50	\$4.25	\$5.00
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For Double Bead Miters add 50 cents per dozen to above prices.

End Pieces and Drops. Per doz.

Inch.	12 in. End Pieces, Slip or Lap Complete.	Drops Only.	Ends Only, Slip or Lap.
2	-----	\$0.60	-----
2½	-----	.65	-----
3	-----	.75	-----
3½	\$2.80	.80	\$0.95
4	3.10	.85	1.10
5	3.45	.95	1.20
6	4.15	1.20	1.45
7	4.70	----	1.70
8	5.25	----	2.10

Corrugated Expanding Conductor. Per foot.

Inch.	Round.	Standard Sizes.	Square.
	No. 28 Gauge Galvanized Steel.	Inch.	No. 28 Gauge Galvanized Steel.
2	\$0.13	2½ x 1¾ (2-inch)	\$0.14
3	.15	3¼ x 2¾ (3-inch)	.16
4	.20	4¼ x 2¾ (4-inch)	.21
5	.25	5 x 3¾ (5-inch)	.26
6	.30		

Elbows and Shoes. Price Each.

Inch.	Plain Round.		Corrugated. Round. Each.		Corrugated. Square. Each.		Adjustable. Elbows.
	Elbows.	Shoes.	Elbows.	Shoes.	Elbows.	Shoes.	
	Galv.	Galv.	Galv.	Galv.	Galv.	Galv.	
2	\$0.25	\$0.30	\$0.25	\$0.30	\$0.30	\$0.40	\$0.30
3	.30	.36	.30	.36	.36	.48	.36
3½	----	----	----	----	----	----	----
4	.40	.48	.40	.48	.48	.60	.48
5	.50	.60	.50	.60	.60	.72	.60
6	.60	.72	.60	.72	.72	.84	.72

Ridge Caps. Per foot.

Size of Roll.	Round. Girt.	Galv.
1¼ in.	7 in.	\$0.14
1½ in.	8 in.	.16
2 in.	10 in.	.19
2½ in.	12 in.	.23
3 in.	15 in.	.28

Angle.

Apron.	Galv.
3 in.	\$0.13
3½ in.	.14
4 in.	.16

Plain Round Lock Seam Pipe.

Inch.	No. 28 Gal. Steel.
2	\$0.13
3	.15
3½	.20
4	.20
5	.25
6	.30

Steel Traps. Per doz.

No.	Oneida Pattern.		Jumper or Blake Patent.	
	Without Chain.	With Chain.	Without Chain.	With Chain.
0	\$3.25	4.25	2.25	3.25
1	3.75	5.00	2.50	3.65
1½	6.00	7.50	----	----
2	9.00	10.50	3.00	4.15
2½	----	----	4.50	5.75
3	12.00	14.00	7.00	8.50
4	14.50	16.50	8.00	9.50

American Cold Drawn Seamless Steel Tubing

List Jan. 1, 1904.
Per foot.

Inch	Outside Diameter in Inches																				B.W. G. & Fractions	Thick-ness
	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4	4 1/4			4 1/2

List July 1, 1902.

Seamless Steel Merchant Boiler Tubes

Thickness inches	Fraction of inch	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4	Price per foot	Outside Diameter inches	Thickness inches
.030	1/32	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4	\$0.30	1	.030
.035	1/16	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4		.28	1 1/8	.035
.040	3/32	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.27	1 1/4	.040
.045	1/8	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4				.22	1 3/8	.045
.050	5/32	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4					.20	1 1/2	.050
.055	3/16	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4						.20	1 1/4	.055
.060	1/4	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4							.24	1 3/4	.060
.065	5/16	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4					.28	1 1/2	.065
.070	3/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.34	1 1/4	.070
.075	7/16	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4		.35	1 1/8	.075
.080	1/2	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4		.40	1 1/8	.080
.085	5/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.44	1 1/4	.085
.090	3/4	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.50	1 1/4	.090
.095	7/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.55	1 1/4	.095
.100	1	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 3/4	4	4 1/4	4 3/4			.62	1 1/4	.100

List Jan. 1, 1904.
Per foot.

American Cold Drawn Seamless Steel Square Tubing.

B. W. G.	Inch	Outside Diameter in Inches																Price per foot	Outside Diameter inches	Thickness inches
		1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	2	2 1/4	2 1/2	2 3/4	3			

OUTSIDE DIAMETER.

Extras over Base Price.

Stubs' B. & S. W. G.	1-8	1-6	1-4	1-2	1-1	1-3/4	1-3/8	1-1/2	1-1/4	1-1/8	1-1/16	1-1/32	1-1/64	1-1/128	1-1/256	1-1/512	1-1/1024	1-1/2048	1-1/4096	1-1/8192	1-1/16384	1-1/32768	1-1/65536	1-1/131072	1-1/262144	1-1/524288	1-1/1048576	1-1/2097152	1-1/4194304	1-1/8388608	1-1/16777216	1-1/33554432	1-1/67108864	1-1/134217728	1-1/268435456	1-1/536870912	1-1/1073741824	1-1/2147483648	1-1/4294967296	1-1/8589934592	1-1/17179869184	1-1/34359738368	1-1/68719476736	1-1/137438953472	1-1/274877906944	1-1/549755813888	1-1/1099511627776	1-1/2199023255552	1-1/4398046511104	1-1/8796093022208	1-1/17592186044416	1-1/35184372088832	1-1/70368744177664	1-1/140737488355328	1-1/281474976710656	1-1/562949953421312	1-1/1125899906842624	1-1/2251799813685248	1-1/4503599627370496	1-1/9007199254740992	1-1/18014398509481984	1-1/36028797018963968	1-1/72057594037927936	1-1/144115188075855872	1-1/288230376151711744	1-1/576460752303423488	1-1/1152921504606846976	1-1/2305843009213693952	1-1/4611686018427387904	1-1/9223372036854775808	1-1/18446744073709551616	1-1/36893488147419103232	1-1/73786976294838206464	1-1/147573952589676412928	1-1/295147905179352825856	1-1/590295810358705651712	1-1/1180591620717411303424	1-1/2361183241434822606848	1-1/4722366482869645213696	1-1/9444732965739290427392	1-1/18889465931478580854784	1-1/37778931862957161709568	1-1/75557863725914323419136	1-1/151115727451828646838272	1-1/302231454903657293676544	1-1/604462909807314587353088	1-1/1208925819614629174706176	1-1/2417851639229258349412352	1-1/4835703278458516698824704	1-1/9671406556917033397649408	1-1/19342813113834066795298816	1-1/38685626227668133590597632	1-1/77371252455336267181195264	1-1/154742504910672534362390528	1-1/309485009821345068724781056	1-1/618970019642690137449562112	1-1/1237940039285380274899124224	1-1/2475880078570760549798248448	1-1/4951760157141521099596496896	1-1/9903520314283042199192993792	1-1/19807040628566084398385987584	1-1/39614081257132168796771975168	1-1/79228162514264337593543950336	1-1/158456325028528675187087900672	1-1/316912650057057350374175801344	1-1/633825300114114700748351602688	1-1/1267650600228229401496703205376	1-1/2535301200456458802993406410752	1-1/5070602400912917605986812821504	1-1/10141204801825835211973625643008	1-1/20282409603651670423947251286016	1-1/40564819207303340847894502572032	1-1/81129638414606681695789005144064	1-1/162259276829213363391578010288128	1-1/324518553658426726783156020576256	1-1/649037107316853453566312041152512	1-1/1298074214633706907132624082305024	1-1/2596148429267413814265248164610048	1-1/5192296858534827628530496329220096	1-1/10384593717069655257060992658440192	1-1/20769187434139310514121985316880384	1-1/41538374868278621028243970633760768	1-1/83076749736557242056487941267521536	1-1/166153499473114484112975882535043072	1-1/332306998946228968225951765070086144	1-1/664613997892457936451903530140172288	1-1/1329227995784915872903807060280344576	1-1/2658455991569831745807614120560689152	1-1/531691198313966349161522824112137824	1-1/1063382396627932698323045648224275648	1-1/2126764793255865396646091296448551296	1-1/4253529586511730793292182592897102592	1-1/8507059173023461586584365185794205184	1-1/17014118346046923173168730371588410368	1-1/34028236692093846346337460743176820736	1-1/68056473384187692692674921486353641472	1-1/13611294676837538538534984297270728344	1-1/2722258935367507707706996859454145688	1-1/54445178707350154154139937189082913776	1-1/108890357414700308308279874378165827552	1-1/217780714829400616616559748756331655104	1-1/435561429658801233233119497512663310208	1-1/871122859317602466466238995025326620416	1-1/174224571863520493293247799005065240832	1-1/348449143727040986586495598010130481664	1-1/696898287454081973172991196020260963328	1-1/139379657490816394634598232004052192656	1-1/278759314981632789269196464008104385312	1-1/557518629963265578538392928016208770624	1-1/1115037259926531157076785856032417541248	1-1/2230074519853062314153571712064835082496	1-1/4460149039706124628307143424129670164992	1-1/892029807941224925661428684825934329984	1-1/1784059615882449851322857369651868659968	1-1/3568119231764899702645714739313737199936	1-1/7136238463529799405291429478627474399872	1-1/14272476927059598810582858957254948798744	1-1/28544953854119197621165717914509897597488	1-1/57089907708238395242331435829019795194976	1-1/114179815416476790484662871658039590389952	1-1/228359630832953580969325743316079180779904	1-1/456719261665907161938651486632158361559808	1-1/913438523331814323877302973264316723119616	1-1/182687704666362864775460594652863344639232	1-1/365375409332725729550921189305726689278464	1-1/730750818665451459101842378611453378556928	1-1/1461501637330902918203684757222906757113856	1-1/29230032746618058364073695144458135142272	1-1/58460065493236116728147390288916270284544	1-1/116920130986472233456294780577832540568888	1-1/233840261972944466912589561155665081137776	1-1/467680523945888933825179122311330162275552	1-1/935361047891777867650358244622660324551104	1-1/1870722095783555735300716489245320649102208	1-1/3741444191567111470601432978490641298204416	1-1/7482888383134222941202865956981282596408832	1-1/14965776766268445884405731913962565192817664	1-1/2993155353253689176881146382792513037635328	1-1/5986310706507378353762292765585026075270656	1-1/11972621413014756707524585531170052150541312	1-1/2394524282602951341504917106234010401082224	1-1/4789048565205902683009834212468020802164448	1-1/9578097130411805366019668424936041604328896	1-1/19156194260823610732039336849872083208657792	1-1/38312388521647221464078673699744166417315584	1-1/76624777043294442928157347399488332834631168	1-1/15324955408658888585631469479897666566826336	1-1/30649910817317777171262938959795333133652672	1-1/6129982163463555434252587791959066626730544	1-1/1225996432692711086850517558391813325361088	1-1/2451992865385422173701035116783626650722176	1-1/4903985730770844347402070233567253301444352	1-1/9807971461541688694804140467134506602888704	1-1/19615942922883377389608280934269013205777408	1-1/39231885845766754779216561868538026411554816	1-1/78463771691533509558433123737076052823109632	1-1/156927543383067019116866247474152105646219264	1-1/3138550867661340382337324949483042112924384	1-1/6277101735322680764674649898966084225848672	1-1/125542034706453615293492979779321684577344	1-1/251084069412907230586985959558643369154688	1-1/502168138825814461173971919117286738309376	1-1/1004336277651628922347943838234573676618752	1-1/2008672555303257844695887676469147353237504	1-1/4017345110606515689391775352938294706475008	1-1/8034690221213031378783550705876589412950016	1-1/1606938044242606277556710141175317882590032	1-1/3213876088485212555113420282350635765180064	1-1/6427752176970425110226840564701271530360128	1-1/12855504353940850220453681129402543060720256	1-1/25711008707881700440907362258805086121440512	1-1/51422017415763400881814724517610172242881024	1-1/102844034831526801763629449035220344485762048	1-1/2056880696630536035272588980704406889715392	1-1/4113761393261072070545177961408813777430784	1-1/8227522786522144141090355922817627554861568	1-1/16455045573044288282180711845635251109723136	1-1/3291009114608857656436142369127050221944672	1-1/658201822921771531287228473825410043889344	1-1/1316403645843543062574456947650820087778688	1-1/2632807291687086125148913895301640175557376	1-1/5265614583374172250297827790603280351114752	1-1/10531229166743544500595655581206560702229504	1-1/21062458333487089001191311162413201404459008	1-1/42124916666974178002382622362426402808918016	1-1/84249833333948356004765244724852805617836032	1-1/168499666667896712009530489449705611235672064	1-1/336999333335793424019060978899411222471344128	1-1/673998666671586848038121957798822444942688256	1-1/134799733334377369607624395597764888988537504	1-1/269599466668754739215248791195529777977075008	1-1/539198933337509478430497582391059555954150112	1-1/1078397866675019568660995164782119111908200224	1-1/215679573335003913732199032956423822381640448	1-1/431359146670007827464398065912847644763288896	1-1/862718293340015654928796131825695289526577792	1-1/1725436586680031309857592263651390579053155584	1-1/3450873173360062619715184527302781158106311168	1-1/6901746346720125239430369054605562316212622336	1-1/13803492693440250478860738109211244632425244672	1-1/2760698538688050095772147621842248926485049144	1-1/5521397077376100191544295243684497852970098288	1-1/11042794154752200383088590487368995705940196576	1-1/22085588309504400766177180974737991411880393152	1-1/44171176619008801532354371949475982823760786304	1-1/88342353238017603064708743898951965647521572608	1-1/176684706476035206129417487797903931295043145216	1-1/353369412952070412258834975595807862590086290432	1-1/706738825904140824517669951191615725180172580864	1-1/1413477651808281649035339902383231453760345161728	1-1/2826955303616563298070679804766462907520690323456	1-1/5653910607233126596141359609532925815041380646912	1-1/11307821214466253192282279219065851630082761293824	1-1/22615642428932506384564558438131703260165525187648	1-1/4523128485786501276912911687626340652031105037536	1-1/9046256971573002553825823375252681304062210075072	1-1/18092513943146005107651646750505362608124020150144	1-1/36185027886292010215303293501010725216248040300288	1-1/72370055772584020430606587002021450432480080600576	1-1/14474011154516804086121317400404290086496016121152	1-1/28948022309033608172242634800808580172992032242304	1-1/57896044618067216344485269601617160345840064484608	1-1/115792089236134432688970539203234320688880128970112	1-1/231584178472268865377941078406468641377760257940224	1-1/463168356944537730755882156812937282755520515880448	1-1/926336713889075461511764313625874555111041113760896	1-1/185267342777815092302352862725774911022220222721792	1-1/370534685555630184604705725451549822044440445443584	1-1/741069371111260369209411450903099640888880890887168	1-1/1482138742222520738418822901806199281777761777774336	1-1/2964277484445041476837645803612398563555523555548672	1-1/592855496889008295367529160722479712711110711137344	1-1/118571099377801659073505824144495942542222222274688	1-1/237142198755603318147011648288991888444444444449376	1-1/474284397511206636294023296577983777888888888898752	1-1/948568795022413272588046593155967555777777777797504	1-1/1897137590044826545176093062311935111555555555595008	1-1/37942751800896530903521861246230222222222222190016	1-1/758855036017930618070437224924604444444444444438032	1-1/1517710072035861236140874499852088888888888888876064	1-1/3035420144071722472281748999704177777777777777752128	1-1/6070840288143444944563497999408355555555555555504256	1-1/12141680576286889889126959998167111111111111111008512	1-1/242833611525737797782539199963342222222222222220160224	1-1/485667223051475595565078399926684444444444444440320448	1-1/971334446102951191130156799853368888888888888880640896	1-1/194266889220590238226031359706673777777777777776121792	1-1/388533778441180476452062719413347555555555555552243584	1-1/777067556882360952904125438826695111111111111110487168	1-1/155413511376472190580825087765390222222222222222097336	1-1/31082702275
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Radiator Valves. Each.

STANDARD, WOOD WHEELS AND BRASS DISCS.

Inch	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
<i>Radiator Valves.</i>						
Rough Body, Plain.....	\$1.40	1.75	2.35	3.25	4.35	6.85
Rough Body, Plated all over.....	1.70	2.10	2.75	3.70	4.85	7.60
Finished all over.....	2.15	2.50	3.25	4.35	5.75	9.00
Finished and Plated all over.....	2.45	2.85	3.65	4.80	6.25	9.75

Radiator Valves with Union.

Rough Body, Plain.....	2.15	2.50	3.30	4.40	5.90	9.25
Rough Body Plated all over.....	2.50	2.90	3.75	5.00	6.50	10.00
Finished all over	3.00	3.40	4.25	5.75	7.75	12.00
Finished and Plated all over.....	3.35	3.80	4.70	6.35	8.35	12.75

JENKINS' DISC, WOOD WHEELS.

Inch	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
<i>Radiator Valves.</i>						
Rough Body, Plain.....	\$2.00	2.50	3.20	4.50	6.25	10.50
Rough Body, Plated all over.....	2.40	2.90	3.60	4.90	6.65	10.90
Finished all over	2.50	3.00	3.75	5.25	7.25	11.75
Finished and Plated all over.....	2.90	3.40	4.15*	5.65	7.65	12.15

Radiator Valves with Union.

Rough Body, Plain.....	2.75	3.50	4.30	5.85	7.75	12.60
Rough Body, Plated all over.....	3.15	3.90	4.70	6.25	8.15	13.00
Finished all over	3.20	4.00	4.80	6.40	8.75	13.85
Finished and Plated all over.....	3.60	4.40	5.20	6.80	9.15	14.25

* Some makers' lists, \$5.15.

Standard Brass Valves. Each.

GLOBE, ANGLE, CROSS.

Inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4
<i>Screwed.</i>													
Globe and Angle..	\$0.72	.72	.77	1.00	1.26*	1.80	2.52	3.50	5.30	10.00	14.40	26.50	36.00
Cross		1.25	1.25	1.50	2.00	2.50	3.50	5.00	8.00	16.00	24.00	45.00	60.00

Inch	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	5	6
<i>Flanged.</i>												
Globe and Angle..	\$4.50	5.00	6.75	8.50	10.50	16.00	23.00	35.00	50.00	70.00	125.00	200.00
Cross	5.25	7.00	9.00	12.00	15.75	22.00	33.00	45.00	75.00	100.00	----	----

* Some makers' lists, \$1.35

CHECK, HORIZONTAL, ANGLE AND VERTICAL.

Inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4
<i>Horizontal.</i>													
Screwed.....	\$0.65	.65	.70	.90	1.15	1.60	2.25	3.15	4.75	9.00	13.00	24.00	32.50
Flanged.....	----	----	----	4.40	4.90	6.50	8.25	10.15	15.50	22.00	33.50	47.50	66.50

Standard Brass Valves.

(Continued.)

Angle and Vertical.

Screwed.....	.72	.72	.77	1.00	1.26	1.80	2.52	3.50	5.30	10.00	14.40	26.50	36.00
Flanged.....	---	---	---	4.50	5.00	6.75	8.50	10.50	16.00	23.00	35.00	50.00	70.00

JENKINS' DISC.

Inch.....	¼	¾	½	¾	1	1¼	1½	2	2½	3
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Globe, Angle and Cross.

Globe and Angle, Screwed.....	\$1.10	1.25	1.60	2.20	2.80	4.00	5.50	8.75	15.75	22.00
Globe and Angle, Flanged.....	---	---	---	5.00	6.00	9.00	11.00	16.50	25.00	34.00
Cross, Screwed.....	1.70	2.00	2.25	2.50	3.25	4.75	6.25	9.50	20.00	27.50
Cross, Flanged.....	---	---	---	---	8.64	11.45	15.10	22.70	32.82	44.30

Horizontal and Angle Check.

Hor. and Ang. Check, Screwed..	1.10	1.20	1.30	1.90	2.60	3.60	5.00	7.00	13.50	20.50
Hor. and Ang. Check, Flanged..	---	---	---	4.75	5.50	7.80	9.80	15.00	22.80	32.00

Standard Iron-Body Valves. Each.

GLOBE, ANGLE AND CROSS WITH YOKE.

Inch.....	2	2½	3	3½	4	4½	5	6	7	8	10	12
Screwed.												
Globe and Angle.....	\$7.00	9.00	12.50	15.25	19.00	24.00	27.00	37.50	63.00	72.00	114.00	170.00
Glo. and Ang., all iron ---	---	---	---	27.75	31.80	39.00	40.50	52.50	77.00	93.00	---	---
Cross Valves.....	8.50	11.75	16.25	20.00	23.50	30.65	35.25	47.25	78.00	92.00	162.00	240.00

Flanged.

Globe and Angle.....	8.60	10.75	15.00	18.50	22.50	27.50	31.00	42.00	68.00	77.00	123.00	187.00
Glo. and Ang., all iron ---	---	---	---	29.55	33.70	41.00	44.70	57.60	81.00	99.00	---	---
Cross Valves.....	11.00	14.50	20.00	25.00	28.50	36.00	41.00	54.00	85.00	100.00	175.00	265.00

SAFETY VALVES.

Inch.....	1	1¼	1½	2	2½	3	3½	4	4½	5	6	7	8
Globe, Angle and Three-Way.													
Screwed.....	\$4.00	5.00	5.80	7.80	13.25	17.25	23.00	28.75	34.50	41.50	57.75	93.50	132.00
Flanged.....	---	---	---	10.25	16.00	21.50	27.50	34.00	40.00	48.00	65.00	100.00	140.00

BACK PRESSURE.

Inch.....	2	2½	3	3½	4	4½	5
Screwed and Flanged.							
Screwed.....	\$11.00	13.00	15.00	19.00	22.50	28.50	33.50
Flanged.....	12.75	15.00	17.50	22.00	26.00	32.00	37.00
Inch.....	6	7	8	10	12	14	16
Screwed.....	\$43.00	70.00	85.00	120.00	180.00	---	---
Flanged.....	47.00	75.00	90.00	130.00	200.00	350.00	475.00



Solid Box Vises.

No.	Inch	Jaw.	Price.	No.	Inch	Jaw.	Price.
25-----	3¼	to 3¾	\$12.00	105-----	6	to 6	\$23.00
30-----	3¾	to 3½	11.00	110-----	6	to 6¼	24.00
35-----	3¾	to 4	10.00	115-----	6	to 6¼	25.00
40-----	4	to 4¼	10.50	120-----		6½	26.00
45-----		4¼	11.00	125-----		6½	27.50
50-----	4¼	to 4½	11.50	130-----	6½	to 6¾	29.00
55-----	4½	to 4¾	12.00	135-----	6½	to 6¾	31.50
60-----	4½	to 5	13.00	140-----		7	33.00
65-----		5	14.00	145-----		7	35.00
70-----	5	to 5¼	15.00	150-----		7	36.00
75-----		5¼	16.00	160-----		7¼	41.50
80-----	5¼	to 5½	17.50	170-----		7¼	44.50
85-----		5½	18.50	180-----	7½	to 8	47.00
90-----	5½	to 5¾	20.00	190-----	7¾	to 8	53.00
95-----		5¾	21.00	200-----		8	56.00
100-----		6	22.00				

Saucepans and
Round Boilers.

Pints.	Plain.	Turned.	Tin'd or En'd.
1-----	\$0.30	.35	.39
1½-----	.32	.37	.44
2-----	.35	.39	.48
3-----	.42	.47	.56
Quarts.			
2-----	.50	.56	.63
2½-----	.53	.59	.68
3-----	.55	.62	.73
4-----	.60	.68	.84
5-----	.65	.75	.96
6-----	.70	.81	1.11
7-----	.75	.84	1.21

Stove Hollow Ware. Ground and
Unground.

POTS, KETTLES, ETC. (CAST IRON.)

No.	6	7	8	9	10	11
Pots-----	\$0.65	.75	.85	1.00	1.25	1.75
Kettles-----	.55	.65	.70	.85	1.00	1.40
T Kettles-----	.75	.80	.90	1.00	1.26	---
Spiders-----	.27	.30	.35	.40	.50	.60
Griddles, Round-----	.22	.25	.27	.30	.40	---

No.	10	12	14	16	18
Griddles, Round, with Bails-----	\$0.40	.50	.65	.80	1.00

No.	6	7	8	9	10	11
Griddles, Long Stove-----	\$0.40	.45	.60	.70	1.00	---
" Square Stove-----	.30	.35	.45	.55	---	---
Boilers, Ham-----	1.40	1.90	2.25	2.50	---	---
Iron Heaters, Shallow-----	.45	.50	.60	.75	1.00	---
" " Deep-----	.50	.55	.65	.80	1.05	---

SCOTCH AND YANKEE BOWLS.

No.	1	2	3	4	5	6
Scotch Bowls...\$0.35	.40	.45	.50	.60	.70	.70
Yankee Bowls..	.35	.45	.55	.65	.75	.90

Oval Boilers.

Gallons.

2-----	.85	.96	1.31
2½-----	1.05	1.18	1.56
3-----	1.20	1.35	1.70
3½-----	1.29	1.50	2.00
4-----	1.35	1.65	2.15
5-----	1.65	2.00	2.50
6-----	1.85	2.35	3.40
7-----	2.10	2.80	3.60
8-----	2.35	3.20	4.50
10-----	3.15	4.00	5.25
12-----	4.40	5.25	6.50

Glue Pots.

Tinned or Enameled.

No. 4/0-----	\$4.50
3/0-----	5.00
2/0-----	5.50
0-----	6.00
1-----	6.75
2-----	8.40
3-----	10.26
4-----	12.42
5-----	14.58
6-----	16.94

Gallons.	Plain.	Turned.	Tin'd or En'd.
1-----	\$0.70	.90	1.20
1½-----	.80	1.05	1.40
2-----	.90	1.15	1.65
2½-----	1.15	1.40	1.80
3-----	1.30	1.60	2.10
3½-----	1.40	1.70	2.30
4-----	1.55	1.85	2.60
5-----	1.75	2.10	3.00
6-----	2.20	2.35	3.40
7-----	2.50	2.80	4.50
8-----	2.75	3.30	5.30
10-----	3.40	3.65	6.50

Maslin Kettles.

Quarts,	2	3	3½	4	5	6	7	8	9	10	12	14	16	18	20	24
Enameled	\$0.60	.65	.70	.75	.90	1.10	1.20	1.30	1.35	1.40	1.50	1.75	2.00	2.25	2.50	3.00

Gun Wads

List October 15, 1894.
Price per 1000.

Gauge.....	4	5	6	7	8	9	11	13	17
Card Board.....			\$0.34	.26	.26	.22	.18	.18	.18
" " Grease Proof.....						.35	.30	.30	.30
" " printed.....			.40	.32	.32	.28	.24	.24	.24
Black Edge, regular.....	\$2.00	1.30	1.20	.80	.80	.70	.60	.60	.60
1/4 inch thick.....				1.20	1.05	.90	....	....	....
3/8 inch thick.....				3.50	2.75	2.50	....	....	....
Pink Edge, regular.....	2.75	2.25	1.75	1.50	1.50	1.25	1.00	1.00	1.00
1/4 inch thick.....				1.75	1.50	1.25	....	....	....
White Felt, 3/8 inch thick.....	7.00	6.00	5.00	4.00	4.00	3.00	2.75	2.75	2.75
Express, 3/8 inch thick, White Felt.....						3.00	2.75	....	....
1/2 inch thick, White Felt.....						5.00	4.25	....	....
Nitro.....						.22	.18	....	....
Salmon, 1/8 inch thick.....				.80	.80	.70	.60	.60	.60
1/4 inch thick.....				1.20	1.05	.90	.90	.90	.90
3/8 inch thick.....				3.50	2.75	2.50	2.50	....	....
Trap (field).....				1.50	1.25	1.00	1.00	....	....
Shot Felt, thin Black Edge.....				.75	.65	.55	.55	.55	.55

Wrought Iron and Steel Washers.

List Oct. 9, 1895.

Diameter. Inch.	Size of hole. Inch.	Thickness. Wire gauge No.	Size of Bolt. Inch.	Cents per pound.
9-16	1-4	18	3-16	14
3-4	5-16	16	1-4	12.2
7-8	3-8	16	5-16	11.4
1	7-16	14	3-8	10.5
1 1/4	1-2	14	7-16	9.7
1 3/8	9-16	12	1-2	9.2
1 1/2	5-8	12	9-16	9.1
1 3/4	11-16	10	5-8	8.8
2	13-16	10	3-4	8.8
2 1/4	15-16	9	7-8	8.8
2 1/2	1 1/16	9	1	8.8
2 3/4	1 1/4	9	1 1/8	8.8
3	1 3/8	8	1 1/4	9
3 1/4	1 1/2	8	1 3/8	9
3 1/2	1 5/8	8	1 1/2	9.2
3 3/4	1 3/4	8	1 5/8	9.2
4	1 7/8	8	1 3/4	9.5
4 1/4	2	8	1 7/8	9.5
4 1/2	2 1/8	8	2	9.5

Axle Washers.
Solid or Patent.

Inch. Axle.	Per 100— Nnt. Collar.	Per box. 5 sets.
3/4	\$1.75	2.25 .70
7/8	1.75	†2.25 .80
1	1.75	†2.50 .90
1 1/8	2.25	†2.50 1.00
1 1/4	2.50	2.75 1.10
1 3/8	2.50	*3.50 1.25
1 1/2	2.75	3.50 1.40

*Some lists \$2.75.
†Some lists vary slightly in price
according to diameters.

Bright Wire Goods.

List June 24, 1903.

M. S. Brooks & Sons.
Humason & Beckley Mfg. Co.
E. Jenckes Mfg. Co.
H. L. Judd Co.
T. C. Richards Hardware Co.
Sargent & Co.
The Wire Goods Co.

STEEL WIRE SCREW EYES.

M. S. B. & Sons.
H. & B. Mfg. Co.
E. J. Mfg. Co.
H. L. J. Co.
T. C. R. Hdw. Co.
S. & Co.
The W. G. Co.

M. S. B. & Sons.
E. J. Mfg. Co.
H. L. J. Co.
T. C. R. Hdw. Co.
S. & Co.
The W. G. Co.

H. & B. Mfg. Co.

Nos.	BRIGHT.
000	\$18.00
00	14.00
0	13.00
1	11.00
2	8.50
3	7.00
4	5.50
5	4.50
6	3.50
7	3.00
8	2.50
9	2.25
10	2.00
11	1.75
12	1.50
13	1.40
14	1.30
104	5.00
105	4.00
106	3.25
107	2.75
108	2.30
109	2.00
110	1.80
111	1.60
112	1.40
113	1.30
114	1.20
115	1.20
204	4.50
205	3.50
206	3.00
207	2.50
208	2.20
209	1.90
210	1.70
211	1.40
212	1.30
213	1.20
214	1.10
215	1.10
216	1.10

Nos.	BRASS.
0	\$70.00
1	57.50
2	48.00
3	37.00
4	29.00
5	23.00
6	19.00
7	15.50
8	12.00
9	10.00
10	8.00
11	6.50
12	4.50
13	3.50
14	3.00
104	26.00
105	21.00
106	17.00
107	13.50
108	10.00
109	7.50
110	6.50
111	5.50
112	4.00
113	3.25
114	3.00
115	3.00
116	3.00
1204	24.00
1205	19.50
1206	15.00
1207	12.00
1208	9.00
1209	7.00
1210	6.00
1211	5.25
1212	3.75
1213	3.00
1214	3.00
1215	3.00
1216	3.00
2214	3.00

Half Numbers Same List.

STEEL WIRE SCREW HOOKS.

Regular Line.

M. S. B. & Sons.
H. & B. Mfg. Co.
E. J. Mfg. Co.
T. C. Hdw. Co.
The W. G. Co.

H. L. J. Co.
S. & Co.

M. S. B. & Sons.
E. J. Mfg. Co.
T. C. R. Hdw. Co.
The W. G. Co.

H. & B.
Mfg. Co.

E. J. Mfg. Co.

H. L. J. Co.
S. & Co.

Nos.	BRIGHT.
0	\$18.00
1	15.50
2	13.00
3	11.00
4	8.00
5	6.50
6	5.50
6½	5.00
7	4.00
8	3.50
9	2.80
10	2.40
11	2.20
12	2.00
13	1.90
14	1.80

Nos.	BRASS.
0	\$100.00
1	82.50
2	62.50
3	46.00
4	42.00
5	35.00
6	29.00
6½	26.00
7	20.00
8	15.00
9	12.00
10	9.50
11	7.50
12	5.50
13	4.25
14	3.25

Bright Wire Goods—Continued.

Blunt Hooks.

M. S. B. & Sons. H. & B. Mfg. Co. E. J. Mfg. Co.		H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.		BRIGHT.	H. L. J. Co. T. C. R. Hdw. Co.	
Nos.	Nos.	Nos.	Nos.		Nos.	BRASS.
200	300	700	2700	\$18.00	1700	\$100.00
201	301	701	2701	15.50	1701	82.50
202	302	702	2702	13.00	1702	62.50
203	303	703	2703	11.00	1703	46.00
204	304	704	2704	8.00	1704	42.00
205	305	705	2705	6.50	1705	35.00
206	306	706	2706	5.50	1706	29.00
----	----	706½	-----	5.00	1706½	26.00
207	307	707	2707	4.00	1707	20.00
208	308	708	2708	3.50	1708	15.00
209	309	709	2709	2.80	1709	12.00
210	310	710	2710	2.40	1710	9.50
211	311	711	2711	2.20	1711	7.50
212	312	712	2712	2.00	1712	5.50
213	313	713	2713	1.90	1713	4.25
214	314	714	2714	1.80	1714	3.25

Square Hooks.

M. S. B. & Sons. H. & B. Mfg. Co. E. J. Mfg. Co. T. C. R. Hdw. Co. The W. G. Co.		H. L. J. Co. S. & Co.		M. S. B. & Sons. T. C. R. Hdw. Co. The W. G. Co.		H. L. J. Co. S. & Co.	
Nos.	Nos.	BRIGHT.		Nos.	Nos.	Nos.	BRASS.
100	900	\$18.00		100	1100	1900	\$100.00
101	901	15.50		101	1101	1901	82.50
102	902	13.00		102	1102	1902	62.50
103	903	11.00		103	1103	1903	46.00
104	904	8.00		104	1104	1904	42.00
105	905	6.50		105	1105	1905	35.00
106	906	5.50		106	1106	1906	29.00
107	907	4.00		107	1107	1907	20.00
108	908	3.50		108	1108	1908	15.00
109	909	2.80		109	1109	1909	12.00
110	910	2.40		110	1110	1910	9.50
111	911	2.20		111	1111	1911	7.50
112	912	2.00		112	1112	1912	5.50
113	913	1.90		113	1113	1913	4.25
114	914	1.80		114	1114	1914	3.25

Cup Hooks Without Shoulders.

M. S. B. & Sons. E. J. Mfg. Co.		H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.		M. S. B. & Sons. E. J. Mfg. Co.		H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.	
Nos.	Nos.	Nos.	BRIGHT.	Nos.	Nos.	Nos.	BRASS.
300	400	600	\$18.00	1300	1400	1600	\$100.00
301	401	601	15.50	1301	1401	1601	82.50
302	402	602	13.00	1302	1402	1602	62.50
303	403	603	11.00	1303	1403	1603	46.00
304	404	604	8.00	1304	1404	1604	42.00
305	405	605	6.50	1305	1405	1605	35.00
306	406	606	5.50	1306	1406	1606	29.00
307	407	607	4.00	1307	1407	1607	20.00
308	408	608	3.50	1308	1408	1608	15.00
309	409	609	2.80	1309	1409	1609	12.00
310	410	610	2.40	1310	1410	1610	9.50
311	411	611	2.20	1311	1411	1611	7.50
312	412	612	2.00	1312	1412	1612	5.50
313	413	613	1.90	1313	1413	1613	4.25
314	414	614	1.80	1314	1414	1614	3.25

Bright Wire Goods—Continued.

Gate Hooks and Eyes.

Bright.

INCHES.	M. S. B. & Sons. H. & B. Mfg. Co. E. J. Mfg. Co. H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.		
	With two eyes.	With one eye.	Without eyes.
1½	\$ 6.00	\$ 4.30	\$ 2.80
2	7.50	5.60	3.80
2½	8.50	6.30	4.30
3	10.00	7.50	5.00
3½	12.50	9.50	6.50
4	13.50	10.50	7.50
4½	17.00	13.50	10.00
5	20.00	16.50	13.00
5½	24.00	19.50	15.00
6	25.00	21.50	16.00
7	28.00	23.50	19.00
8	30.00	25.50	21.00
9	32.00	27.50	25.00
10	35.00	30.50	27.00
11	40.00	36.50	32.00
12	45.00	40.50	37.00
13	50.00	45.50	41.50
14	55.00	50.50	46.00
15	60.00	55.50	56.00
16	70.00	65.50	66.00

Brass.

INCHES.	M. S. B. & Sons. H. & B. Mfg. Co. E. J. Mfg. Co. H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.		
	With two eyes.	With one eye.	Without eyes.
1½	\$21.00	\$ 15.00	\$ 9.00
2	27.00	19.75	12.50
2½	34.00	25.00	16.00
3	46.00	34.00	22.00
3½	58.00	43.00	28.00
4	61.50	46.50	31.50
4½	76.00	57.00	38.00
5	82.00	63.00	44.00
5½	100.00	78.00	56.00
6	110.00	88.00	66.00
7	120.00	98.00	76.00
8	130.00	108.00	86.00
9	140.00	118.00	96.00
10	150.00	128.00	106.00
11	160.00	138.00	116.00
12	170.00	148.00	126.00
13	175.00	153.00	131.00
14	180.00	158.00	136.00
15	190.00	168.00	146.00
16	200.00	178.00	156.00

Cornice Hooks.

Bright

INCHES.	M. S. B. & Sons. H. & B. Mfg. Co. E. J. Mfg. Co. H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.	
	With Eyes.	Without Eyes.
2	\$ 9.00	\$ 7.00
2½	10.00	8.00
3	11.00	9.00
3½	12.00	10.00
4	13.00	11.00
4½	14.00	12.00
5	15.00	13.00
5½	16.00	14.00
6	17.00	15.00
7	18.00	16.00
8	20.00	18.00
9	22.00	20.00
10	24.00	21.00
11	26.00	23.00
12	28.00	25.00

Bird Cage Eyes.

Nos.	M. S. B. & Sons. E. J. Mfg. Co. H. L. J. Co. T. C. R. Hdw. Co. S. & Co. The W. G. Co.	
	Bright	
18	Bright	\$ 4.20
218	Bright	3.20
1018	Brass	15.00
1218	Brass	12.00

Stair Rod Eyes.

	M. S. B. & Sons. E. J. Mfg. Co. H. L. J. Co. S. & Co. The W. G. Co	H. & B. Mfg. Co.	
T. C. R. Hdw. Co.			
Nos.	Nos.		
240	408 Bright,	Br't.	\$3.00
240	409 Bronzed,	Brz'd.	4.00
240	Nickel Plated		4.50
240	Brass Plated		4.50
240	Brass		14.00

Mosquito Bar Eyes.

E. J. Mfg. Co.		
H. L. J. Co.		
T. C. R. Hdw. Co.		
S. & Co.		
The W. G. Co.	M. S. B. & Sons.	
Nos.	Nos.	
406	60 ³ / ₄	\$ 7.20
416	61	7.80
426	61 ¹ / ₈	8.50
436	61 ¹ / ₄	9.00

Brass and Copper Wire in Coils.

List June 6, 1898.

Brown & Sharpe's gauge standard.

	Old English or London.	Brown & Sharpe's.	Common high brass.	Low brass.	Gilding, bronze and copper.
All Nos. to No. 10, inc.	0.134	0.10189	\$0.23	\$0.27	\$0.28
Above No. 10 to No. 16....	0.065	0.05082	.23½	.27½	.28½
Nos. 17 and 18..	0.049	0.04030	.24	.28	.32
Nos. 19 and 20..	0.035	0.03198	.25	.29	.33
No 21	0.0315	0.02846	.26	.30	.34
" 22...	0.0295	0.025347	.27	.31	.35
" 23...	0.027	0.022571	.28	.32	.36
" 24	0.025	0.0201	.30	.34	.38
" 25...	0.023	0.0179	.32	.36	.40
" 26...	0.0205	0.01594	.35	.39	.43
" 27...	0.01875	0.014195	.38	.42	.46
" 28...	0.0165	0.012641	.42	.46	.51
" 29...	0.0155	0.011257	.45	.49	.54
" 30...	0.01375	0.010025	.48	.52	.62
" 31...	0.01225	0.008928	.51	.55	.67
" 32...	0.01125	0.00795	.55	.59	.73
" 33...	0.01025	0.00708	.59	.63	.82
" 34...	0.0095	0.0063	.64	.68	.95
" 35...	0.009	0.00561	.70	.74	1.30
" 36...	0.0075	0.005	.76	.80	1.50
" 37...	0.0065	0.00445	1.00	1.04	1.70
" 38...	0.00575	0.003965	1.30	1.34	2.00
" 39...	0.005	0.003531	2.00	2.00	3.25
" 40	0.0045	0.003144	2.60	2.60	5.75

Spring Wire, add 2 cents. Whitened Wire add 3 cents. Flat, Square and Half Round Wire, 4 cents advance on Round Wire.

Fancy Wire, not less than 10 cents advance on Round Wire. Wire straightened and cut, No. 12 and smaller, 12 cents per pound additional. Same additions for cutting to length when under 2 feet as rods.

Smooth Fence Wire Advances.

List Oct. 1, 1902.

Nos.	Extra for galvanizing.
6 to 9, Base	\$0.30
10, 5c. advance over base .....	.35
11, 10c. advance over base .....	.40
12 and 12½, 15c. advance over base .....	.45
13, 25c. advance over base .....	.55
14, 35c. advance over base .....	.65
15, 45c. advance over base	1.05
16, 55c. advance over base	1.15

For even-weight bundles, 75 lbs. and upwards, 5c. per bundle extra, except 100 lb. bundles, for which there is no extra charge.

Electrical Copper Wire.

Brown & Sharpe's Gauge.

Advance Above Base, cents per pound.

Hard and Soft Drawn Bare Copper Wire.

Nos. 0000 to 8	9 & 10	11 & 12	13	14	15	16	17	18	19	20
Base.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2

Wire in Bundles. Per pound.

Market.....Nos.	4/0 to 6	7 to 9	10	11	12	13	14	15	16	17	18	19	20
Brt. An. Gal. Cop'd.	\$0.10	.10	.11	.11	.11½	.12½	.12½	.14	.14	.15	.16	.19	.20
Tinned .....	.15	.15	.16	.16	.17	.17	.17	.17½	.17½	.18	.18½	.19	.19
Cast Steel.....	.23	.24	.25	.25	.26	.28	.30	.32	.33	.34	.36	.38	.40

Wire in Stones. Per pound.

Nos...	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Annealed	\$0.14	.15	.16	.19	.20	.21	.22	.23	.24	.25	.26	.28	.29	.30	.32	.33	.35	.37	.40	.45	.55
Tinned..	--	--	.18½	.19	.19	.20	.20	.21	.21	.22	.23	.24	.25	.26	.27	.28	.32	.33	.34	.40	.48

Wire Cloth.*

List March 7, 1899.
Cents per square foot.

Iron or Steel Wire Cloth.

No. Mesh.	No. Wire, 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	No. Mesh.
1	88	73	60	48	38	32	27	22	17	14	12	10	8	--	--	--	--	1
3/4	--	88	73	60	48	38	32	27	22	17	14	12	10	8	--	--	--	3/4
5/8	--	--	88	73	60	48	38	32	27	22	17	14	12	10	8	--	--	5/8
2	--	--	--	88	73	60	48	38	32	27	22	17	14	12	10	8	--	2
No. Wire, 20	21	22	23			73	60	48	38	32	27	22	17	14	12	10	8	No. Mesh.
3	8	--	--	--	--	--	--	60	48	38	32	27	22	17	14	12	10	3
3 1/2	10	8	--	--	--	--	--	--	60	48	38	32	27	22	17	14	12	3 1/2
4	12	10	8	--	--	--	--	--	73	60	48	38	32	27	22	17	14	4
4 1/2	13	11	9	7	--	--	--	--	73	57	45	35	29	24	19	15	--	4 1/2
No. Wire, 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	No. Mesh.	
5	60	48	38	32	27	22	17	14	12	10	8	7	--	--	--	--	5	
6	--	60	48	38	32	27	22	17	14	12	10	8	7	--	--	--	6	
7	--	--	60	48	38	32	27	22	17	14	12	10	8	7	--	--	7	
8	--	--	--	60	48	38	32	27	22	17	14	12	10	8	7	--	8	
9	--	--	--	--	60	48	38	32	27	22	17	14	12	10	8	7	9	
No. Wire, 30	31	32	33	34		60	48	38	32	27	22	17	14	12	10	8	7	No. Mesh.
12	7	--	--	--	--	60	48	38	32	27	22	17	14	12	10	8	--	12
14	11	10	9	8	7	60	48	38	32	27	22	17	15	13	12	--	--	14
No. Wire, 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	No. Mesh.	
16	73	60	48	38	32	27	22	17	15	13	12	11	10	9	8	--	16	
18	--	--	60	48	38	32	27	22	17	15	13	12	11	10	9	8	18	
20	--	--	--	62	52	43	35	27	24	20	17	15	13	12	10	9	20	
22	--	--	--	77	65	55	46	38	30	26	22	19	17	15	13	12	22	
24	--	--	--	--	77	65	55	46	38	30	26	22	19	17	15	13	24	
26	--	--	--	--	--	77	65	55	46	38	30	26	23	19	17	15	26	
28	--	--	--	--	--	--	77	65	55	46	35	30	26	23	19	17	28	
30	--	--	--	--	--	--	--	66	56	47	37	31	27	23	20	19	30	
35	--	--	--	--	--	--	--	--	80	67	57	47	40	36	30	27	35	
40	--	--	--	--	--	--	--	--	--	68	57	48	44	40	36	32	40	
No. Wire, 33	34	35	36	37	38	39	40	41	42	No. Mesh.								
45	70	58	50	46	42	--	--	--	--	45								
50	--	80	65	60	56	--	--	--	--	50								
55	--	--	80	65	60	--	--	--	--	55								
60	--	--	--	85	70	65	--	--	--	60								
64	--	--	--	--	85	70	65	--	--	64								
70	--	--	--	--	--	90	80	--	--	70								
74	--	--	--	--	--	--	100	90	--	74								
80	--	--	--	--	--	--	--	120	110	80								
90	--	--	--	--	--	--	--	--	--	145	90							

NOTE.—Galvanized Wire Cloth same List as Iron or Steel Wire Cloths.

* Some lists differ.

Wire Cloth*—Continued.

Brass and Copper Wire Cloth.

No. Wire, 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	No. Mesh	
2-----	400	350	300	250	175	120	85	60	50	45	40	--	--	--	--	--	2	
3-----	--	--	400	350	250	175	120	85	60	50	45	40	35	--	--	--	3	
4-----	--	--	--	400	300	250	175	120	85	60	50	45	40	35	--	--	4	
5-----	--	--	--	--	--	300	250	175	120	85	60	50	45	40	35	--	5	
No. Wire, 25	26	27	28	29	--	300	250	175	120	85	60	50	45	40	35	--	6	
No. Mesh.																		
8-----	35	--	--	--	--	--	--	--	300	250	175	120	85	60	50	45	40	8
10-----	40	35	--	--	--	--	--	--	300	250	175	120	85	60	50	45	--	10
12-----	45	40	35	--	--	--	--	--	--	--	250	175	120	85	60	50	--	12
14-----	50	45	40	35	30	--	--	--	--	--	--	250	175	120	85	60	--	14
No. Wire, 21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	No. Mesh	
No. Mesh																		
16-----	250	175	120	85	60	50	45	40	35	30	--	--	--	--	--	--	16	
18-----	--	250	175	120	85	60	50	45	40	35	30	27	--	--	--	--	18	
20-----	--	--	250	175	120	85	60	50	45	40	35	30	27	25	--	--	20	
22-----	--	--	--	--	175	120	85	60	50	45	40	35	30	27	25	--	22	
24-----	--	--	--	--	--	175	120	85	60	50	45	40	35	30	27	25	--	24
26-----	--	--	--	--	--	--	175	120	85	60	50	45	40	35	30	27	--	26
30-----	--	--	--	--	--	--	--	125	90	65	55	47	42	37	33	30	--	30
35-----	--	--	--	--	--	--	--	--	175	90	75	55	48	45	42	37	--	35
40-----	--	--	--	--	--	--	--	--	--	175	125	75	60	53	45	42	--	40
No. Wire, --	38	39	40					No. Mesh.	45	175	125	85	65	60	55	--		
80-----	--	100	--	--							No. Mesh.	50	85	65	58	--		
90-----	--	--	125	--								No. Mesh.	60	88	70	60		
100-----	--	--	--	145									No. Mesh.	60	80	--		

Tinned Milling Grade Wire Cloth.*

No. mesh.	No. wire.	Cts. per sq. ft.	No. mesh.	No. wire.	Cts. per sq. ft.	No. mesh.	No. wire.	Cts. per sq. ft.	No. mesh.	No. wire.	Cts. per sq. ft.
2	17	15	9	24	15	20	30	25	32	36	28
3	19	15	10	25	18	22	31	28	34	36	33
4	20	15	12	26	18	24	32	28	36	36	40
5	21	15	14	27	18	26	33	28	40	36	45
6	22	15	16	28	18	28	34	28	45	36	53
8	23	15	18	29	18	30	35	28	50	36	62

Extra Fine Brass Wire Cloth.*

No. mesh.	Per sq. ft.	No. mesh.	Per sq. ft.
110 Plain	\$1.50	150 Twilled	\$3.00
120 " "	1.75	160 " "	3.60
130 " "	2.25	170 " "	4.20
110 Twilled	1.60	180 " "	4.80
120 " "	1.85	190 " "	5.40
130 " "	2.35	200 " "	6.00
140 " "	2.55		

* Some lists differ.

Wire Cloth*—Continued.

Iron and Steel Screen Wire Cloth.

Inch space.	No. wire.	Cts. per sq. ft.	Inch space.	No. wire.	Cts. per sq. ft.	Inch space.	No. wire.	Cts. per sq. ft.	Inch space.	No. wire.	Cts. per sq. ft.
2½	000	75	1½	3	46	¾	5	55	½	9	46
2½	00	60	1½	4	40	¾	6	48	½	10	40
2¼	00	64	1¼	2	64	¾	7	40	¾	8	64
2¼	0	55	1¼	3	55	¾	5	64	¾	9	55
2	0	64	1¼	4	46	¾	6	60	¾	10	48
2	1	55	1¼	5	40	¾	7	55	¾	11	40
1¾	0	72	1	3	64	¾	8	48	¾	10	64
1¾	1	64	1	4	55	¾	9	40	¾	11	55
1¾	2	55	1	5	46	½	6	64	¾	12	48
1¾	3	46	1	6	40	½	7	55	¾	13	40
1½	1	64	¾	4	64	½	8	51	¾	13	46
1½	2	55									

Galvanized Wire Netting.*

* List 1902.
Cents per sq. ft.

Widths 12 to 72 Inches.

No. of wire	13	14	15	16	17	18	19	20	21	22
MESH.										
3-inch	† 8¼	6¼	4¾	3¾	3	2½	1¾	1½	----	----
2½-inch	10¼	8	6¼	4¾	3¾	2¾	2¼	2	----	----
2-inch	-----	9½	7¼	5½	4½	3¾	2½	2¼	----	----
1½-inch	-----	-----	-----	8¾	7¼	4½	3½	3	----	----
1¼-inch	-----	-----	-----	11	8¼	6	5	4¼	----	----
1-inch	-----	-----	-----	14	10	7¾	6½	5½	----	----
¾-inch	-----	-----	-----	-----	-----	12½	10¾	9	----	----
⅝-inch	-----	-----	-----	-----	-----	-----	19	18	16	14
½-inch	-----	-----	-----	-----	-----	-----	28	25	20½	18½

* Some lists differ.

† Some maker's list 3-inch mesh, No. 13 Wire, 8½ cents.

Spool Wire.

Shellac Coated.

Hair Wire. Per gross.

Gauge of Wire....	24	26	28	30	32	34	36	38
Black.....	\$3.50	\$3.50	\$3.50	\$3.75	\$4.00	\$4.25	\$5.25	\$6.20
Tinned.....	4.25	4.25	4.25	4.50	4.75	5.00	6.00	7.50

Assorted Nos. 28, 30, 32 and 34.

Annealed.....	\$3.90
Tinned.....	4.60

Annealed Steel Wire. Per dozen.

Gauge of Wire....	16	17	18	19	20	21	22	23	24	25	26
Quarter lb. Spools....	\$0.96	\$0.96	\$0.96	\$1.02	\$1.02	\$1.08	\$1.10	\$1.12	\$1.14	\$1.18	\$1.20
Half lb. Spools.....	1.58	1.60	1.64	1.66	1.68	1.74	1.80	1.86	1.94	2.00	2.04
One lb. Spools.....	2.46	2.56	2.64	2.68	2.76	2.86	2.96	3.05	3.15	3.20	3.30
Gauge of Wire....	27	28	29	30	31	32	33	34	35	36	
Quarter lb. Spools....	\$1.20	\$1.22	\$1.26	\$1.34	\$1.39	\$1.47	\$1.55	\$1.68	\$1.89	\$2.20	.....
Half lb. Spools.....	2.06	2.13	2.21	2.35	2.43	2.57	2.72	2.94	3.31	3.94	.....
One lb. Spools.....	3.53	3.65	3.78	4.03	4.16	4.41	4.66	5.04	5.67	6.73	.....

Annealed Tinned Steel Wire. Per dozen.

Gauge of Wire.....	16	17	18	19	20	21	22	23	24	25	26
Quarter lb. Spools.....	\$1.20	\$1.20	\$1.20	\$1.25	\$1.25	\$1.28	\$1.32	\$1.36	\$1.40	\$1.45	\$1.50
Half lb. Spools.....	2.08	2.11	2.13	2.18	2.18	2.30	2.36	2.42	2.48	2.55	2.60
One lb. Spools.....	3.50	3.58	3.64	3.70	3.75	3.90	4.00	4.10	4.20	4.40	4.50
Gauge of Wire.....	27	28	29	30	31	32	33	34	35	36	
Quarter lb. Spools.....	\$1.58	\$1.65	\$1.72	\$1.78	\$1.85	\$2.11	\$2.17	\$2.24	\$2.64	\$3.17	.....
Half lb. Spools.....	2.77	2.89	3.00	3.11	3.23	3.70	3.81	3.93	4.62	5.54	.....
One lb. Spools.....	4.75	4.95	5.15	5.33	5.54	6.34	6.53	6.73	7.92	9.50	.....

Soft Brass Wire. Per dozen.

Gauge of Wire....	16	17	18	19	20	21	22	23	24	25	26
Quarter lb. Spools....	\$2.00	\$2.00	\$2.00	\$2.06	\$2.06	\$2.10	\$2.20	\$2.28	\$2.40	\$2.50	\$2.65
Half lb. Spools.....	3.36	3.36	3.36	3.48	3.48	3.56	3.68	3.94	4.14	4.34	4.62
One lb. Spools.....	6.10	6.10	6.10	6.34	6.34	6.50	6.74	7.16	7.56	7.96	8.52
Gauge of Wire....	27	28	29	30	31	32	33	34	35	36	
Quarter lb. Spools....	\$3.02	\$3.18	\$3.40	\$3.48	\$4.02	\$4.34	\$4.66	\$5.04	\$5.50	\$5.98	
Half lb. Spools.....	5.12	5.46	6.00	6.06	6.90	7.44	7.98	8.64	9.44	10.26	
One lb. Spools.....	9.12	9.90	10.80	11.10	12.24	13.20	14.16	15.36	16.80	18.24	

Spring Brass Wire. Per dozen.

Gauge of Wire....	16	17	18	19	20	21	22	23	24	25	26
Quarter lb. Spools....	\$2.15	\$2.15	\$2.15	\$2.21	\$2.21	\$2.25	\$2.35	\$2.43	\$2.55	\$2.65	\$2.80
Half lb. Spools.....	3.61	3.61	3.61	3.73	3.73	3.81	3.93	4.19	4.39	4.59	4.87
One lb. Spools.....	6.60	6.60	6.60	6.84	6.84	7.00	7.24	7.66	8.40	8.46	9.02
Gauge of Wire....	27	28	29	30	31	32	33	34	35	36	
Quarter lb. Spools....	\$3.17	\$3.33	\$3.55	\$3.63	\$4.17	\$4.49	\$4.81	\$5.19	\$5.65	\$6.13	.....
Half lb. Spools.....	5.37	5.71	6.25	6.31	7.15	7.69	8.23	8.89	9.69	10.51	.....
One lb. Spools.....	9.62	10.40	11.30	11.60	12.74	13.70	14.66	15.86	17.30	18.74	.....

Soft Copper Wire. Per dozen.

Gauge of Wire.....	16	17	18	19	20	21	22	23	24	25	26
Quarter lb. Spools.....	\$2.20	\$2.26	\$2.20	\$2.20	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.70
Half lb. Spools.....	3.90	3.90	3.90	3.90	3.90	4.20	4.40	4.60	4.70	4.80	4.90
One lb. Spools.....	7.50	7.50	7.50	7.50	7.50	8.00	8.20	8.50	8.60	9.00	9.20
Gauge of Wire.....	27	28	29	30	31	32	33	34	35	36	
Quarter lb. Spools.....	\$3.12	\$3.46	\$3.62	\$4.20	\$4.52	\$4.92	\$5.52	\$6.42	\$8.76	\$10.10	
Half lb. Spools.....	5.52	6.12	6.48	7.44	8.04	8.76	9.84	11.40	15.60	18.00	
One lb. Spools.....	10.34	11.48	12.14	13.94	15.08	16.40	18.44	21.38	29.24	33.76	

No. 4 or "Small" Spools. Gauges 20, 22, 24, 26, 28 and 30. Per dozen.

Annealed Steel.	Tinned Steel.	Soft Brass.	Spring Brass.	Soft Copper.
\$0.50	\$0.70	\$0.80	\$0.85	\$1.00

Assorted. Two Spools each, Nos. 16, 18, 20 22, 24 and 26. Per dozen.

Kind of Wire.	1/4 lb. Spools.	1/2 lb. Spools.	1 lb. Spools.
Annealed Steel.....	\$1.06	\$1.78	\$2.88
Tinned Steel.....	1.30	2.30	3.94
Soft Brass.....	2.08	3.76	6.88
Spring Brass.....	2.20	4.00	7.36
Soft Copper.....	2.40	4.28	8.08

Wire Staples.

List Feb'y 9, 1899.

Staples, Basket Hooks, Bed Links, Crate Hooks, etc.

<i>Length (Inside Measurement),</i>	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	
Electrician—flat wire—flat or round crown,									
Blued or Coppered.....	60	50	--	45	--	42	40	--	} Cts. per lb. in 100 lb. kegs.
Barbed Blind—No. 18 gauge, coppered.....	50	50	50	48	48	48	48	--	
Barbed Bed Spring, Nos. 16 } round wire.....	--	--	--	46	--	41	40	38	
and 15 gauge } coppered.....	--	--	--	--	--	38	37	35	
Steel Spring—flat wire—coppered.....	--	50	50	43	--	40	38	--	
Broom—coppered.....	--	--	--	43	--	40	38	--	

	Inch, I	I $\frac{1}{4}$	I $\frac{1}{2}$	
Bed Links—shepherd's crook, loop or common (hook), coppered, No. 16 gauge.....	40	39	38	cts. per lb. in barrels.

<i>English Standard Wire Gauge Nos.</i>	I6	I5	I4	I3	I2	II	IO	9 & heavier.	
Pail Ears—any length—coppered.....	--	35	33	31	29	28	--	--	} Cts. per lb. in barrels.
Basket Handle—special point—any length, coppered.....	--	36	34	32	30	--	--	--	
Tube—coppered.....	--	--	--	--	--	33	--	--	
Crate Hooks—any length—coppered.....	38	36	--	--	--	--	--	--	
Special, 1 inch and longer.....	38	35	34	33	32	31	30	29	
Poultry Netting, galvanized... { $\frac{3}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 inch }	38	33	33	33					Cts. per lb. in 100 lb. kegs.

Inside Measurements—Width stated first.

Steel Clinch....	$\frac{3}{4}$ and $\frac{7}{8}$, No. I2 .	I and I $\frac{1}{4}$, No. II .	
	$\frac{32}{29}$ $\frac{1}{2}$ x $\frac{1}{4}$, No. IO .	31 cts. per lb., 100 lb. kegs. 2 in. No. 9 & longer. 28 cts. per lb., 100 lb. kegs.	
Hoop Staples—flat wire, coppered, {	$\frac{1}{2}$ x $\frac{1}{2}$ $\frac{1}{2}$ x $\frac{3}{8}$ $\frac{1}{2}$ x $\frac{5}{8}$ $\frac{1}{2}$ x $\frac{3}{4}$	39 36 36 35	cts. per lb., 100 lb. kegs.
	$\frac{9}{16}$ x $\frac{5}{8}$ $\frac{5}{8}$ x $\frac{5}{8}$ $\frac{3}{4}$ x $\frac{3}{4}$	35 35 35	cts. per lb., 100 lb. kegs.
Clamp No. 12, coppered..... {	$\frac{3}{4}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$	I x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$	33 cts. per lb., in barrels.
Light Clamp, No. 15, coppered... {	$\frac{3}{4}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$	I x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$, $\frac{1}{2}$ x $\frac{3}{4}$	36 cts. per lb., in barrels.

Wire Cloth Staples, No. 18, flat wire.

- Plain, blued or coppered (120 tacks in a paper), 120 cents per dozen papers.
- Plain, blued or coppered (in 100 pound kegs), 52 cents per pound.
- Shade Tacks (120 tacks in a paper), 160 cents per dozen papers.
- Shade Tacks, bulk (100 pound kegs), 50 cents per pound.
- Basket Hooks—Annealed, No. 17 flat or round wire, in 2 pound papers or 5 pound paper boxes, 40 cents per pound.
- Straw Matting Tacks No. 16 Gauge Blued, 40 cents per pound in 100 pound kegs.

Extras.

- For Tinned goods not otherwise listed add 1 $\frac{1}{2}$ cents per pound net.
- For packing in 25 pound boxes add 15 cents per 100 pounds net.
- For packing in 50 pound boxes add 10 cents per 100 pounds net.
- For packing in 10 pound boxes add 30 cents per 100 pounds net.
- For packing in 5 pound boxes add 50 cents per 100 pounds net.
- For packing in 1 pound papers add 40 cents per 100 pounds net.
- For annealing add 25 cents per 100 pounds net.
- For packing in 100 pound kegs or boxes, goods listed in barrels, add 10 cents per 100 pounds net.

Allowances.

- For all goods on which the list is not given, in barrels, a deduction of 10 cents per 100 pounds will be made from price of same goods in kegs.

and the other, the "other side" of the coin.

4 11 11

Engineers' Wrenches. Price Each.

Single Head.

For U. S. Standard Nut. Size Bolt.	Unfinished	Semi- Finished.	Finished.
$\frac{1}{8}$	\$0.08	.12	.16
$\frac{3}{16}$	.09	.13	.18
$\frac{1}{4}$	.10	.15	.20
$\frac{5}{16}$	.12	.18	.24
$\frac{3}{8}$	.14	.21	.28
$\frac{7}{16}$	.17	.25	.34
$\frac{1}{2}$	.20	.30	.40
$\frac{9}{16}$	.25	.38	.50
$\frac{5}{8}$	.32	.48	.64
$\frac{3}{4}$	.40	.60	.80
$\frac{7}{8}$	.50	.75	1.00
1	.65	.98	1.30
$1\frac{1}{8}$	.85	1.28	1.70
$1\frac{1}{4}$	1.10	1.65	2.20
$1\frac{3}{8}$	1.40	2.10	2.80
$1\frac{1}{2}$	1.75	2.63	3.50
$1\frac{5}{8}$	2.10	3.15	4.20
$1\frac{3}{4}$	2.50	3.75	5.00
$1\frac{7}{8}$	2.50	3.75	5.00
2	3.50	5.25	7.00
$2\frac{1}{4}$	4.75	7.13	9.50
$2\frac{1}{2}$	6.50	9.75	13.00
$2\frac{3}{4}$	6.50	9.75	13.00
3 & 3½	10.50	15.75	21.00

Engineers' Wrenches. Price Each.

Double Head.

For U. S. Standard Nut. Size Bolt.	Unfinished.	Semi- Finished.	Finished.
$\frac{1}{8}$ & $\frac{3}{16}$	\$0.12	.18	.24
$\frac{1}{8}$ & $\frac{1}{4}$	.14	.21	.28
$\frac{3}{16}$ & $\frac{1}{4}$	.15	.23	.30
$\frac{3}{16}$ & $\frac{5}{16}$	.17	.25	.34
$\frac{1}{4}$ & $\frac{5}{16}$	.18	.27	.36
$\frac{1}{4}$ & $\frac{3}{8}$	.20	.30	.40
$\frac{5}{16}$ & $\frac{3}{8}$	.21	.32	.42
$\frac{5}{16}$ & $\frac{7}{16}$	.23	.35	.46
$\frac{3}{8}$ & $\frac{7}{16}$	.25	.38	.50
$\frac{3}{8}$ & $\frac{1}{2}$	.28	.42	.56
$\frac{7}{16}$ & $\frac{1}{2}$	.30	.45	.60
$\frac{7}{16}$ & $\frac{9}{16}$	.34	.51	.68
$\frac{1}{2}$ & $\frac{9}{16}$	.36	.54	.72
$\frac{1}{2}$ & $\frac{5}{8}$	.41	.61	.82
$\frac{9}{16}$ & $\frac{5}{8}$	.43	.65	.86
$\frac{9}{16}$ & $\frac{3}{4}$	.50	.75	1.00
$\frac{5}{8}$ & $\frac{3}{4}$	.53	.80	1.06
$\frac{5}{8}$ & $\frac{7}{8}$	.62	.93	1.24
$\frac{3}{4}$ & $\frac{7}{8}$	.65	.98	1.30
$\frac{3}{4}$ & 1	.78	1.17	1.56
$\frac{7}{8}$ & 1	.82	1.23	1.64
$\frac{7}{8}$ & $1\frac{1}{8}$	1.00	1.50	2.00
1 & $1\frac{1}{8}$	1.08	1.62	2.16
1 & $1\frac{1}{4}$	1.27	1.91	2.54
$1\frac{1}{8}$ & $1\frac{1}{4}$	1.35	2.03	2.70
$1\frac{1}{8}$ & $1\frac{3}{8}$	1.65	2.48	3.30
$1\frac{1}{4}$ & $1\frac{3}{8}$	1.75	2.63	3.50
$1\frac{1}{4}$ & $1\frac{1}{2}$	2.10	3.15	4.20
$1\frac{3}{8}$ & $1\frac{1}{2}$	2.25	3.38	4.50
$1\frac{3}{8}$ & $1\frac{5}{8}$	2.65	3.98	5.30
$1\frac{1}{2}$ & $1\frac{5}{8}$	2.85	4.28	5.70
$1\frac{1}{2}$ & $1\frac{3}{4}$	3.30	4.95	6.60
$1\frac{5}{8}$ & $1\frac{3}{4}$	3.55	5.33	7.10
$1\frac{5}{8}$ & $1\frac{7}{8}$	3.55	5.33	7.10
$1\frac{5}{8}$ & 2	4.15	6.23	8.30
$1\frac{3}{4}$ & 2	4.55	6.83	9.10
$1\frac{3}{4}$ & $2\frac{1}{4}$	5.45	8.18	10.90
$1\frac{7}{8}$ & 2	4.55	6.83	9.10
$1\frac{7}{8}$ & $2\frac{1}{4}$	5.45	8.18	10.90
2 & $2\frac{1}{4}$	6.15	9.23	12.30

Baxter S Wrenches.

Inches,	4	6	8	10	12
Per dozen,	\$6.00	9.00	12.00	18.00	24.00

Screw Wrenches.

Inches,	6	8	10	12	15	18	21
Black --	\$9.00	10.00	12.00	14.00	24.00	30.00	36.00
Bright --	10.00	12.00	14.00	16.00	26.00	32.00	38.00

Sheet Zinc Extras

List Dec. 7, 1903.
Per pound.

Base Sizes, { Thickness, Nos. 9 to 22, inclusive.
Widths, 32 to 60 inches, inclusive.
Lengths, 84 to 96 inches, inclusive.

Extras in cents per 100 pounds advance over base price.

Nos.		5	6	7	8	9
32 } to } 40 }	x 84	40	20	10	05	--
24	x 84	70	20	10	05	--
26	x 84	90	20	10	05	--
28	x 84	80	65	40	30	--
30	x 84	70	55	30	25	--
48	x 84	70	20	10	05	--
50	x 84	80	20	10	05	--
52	x 84	85	20	10	05	--
60	x 84	155	70	30	10	--
36	x 96	60	25	15	05	--
48	x 96	90	55	20	05	--
36	x 108	55	30	25	20	--
48	x 108	115	65	20	15	--
62	x 84	extra given on application.				

The extra on No. 4, 36 x 84, is \$1.05 per hundred pounds.

The extra on No. 3, 36 x 84, is \$2.10 per hundred pounds.

Prices on Nos. 1 and 2, on application.



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